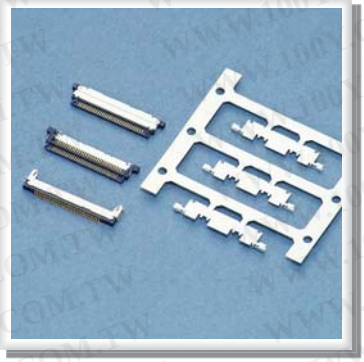
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胜特力电子(深圳) 86-755-83298787
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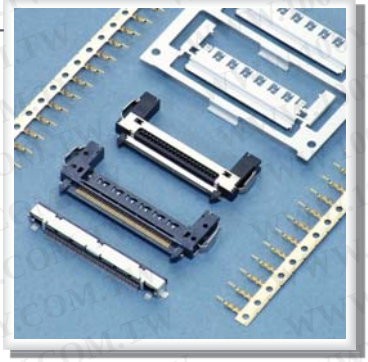
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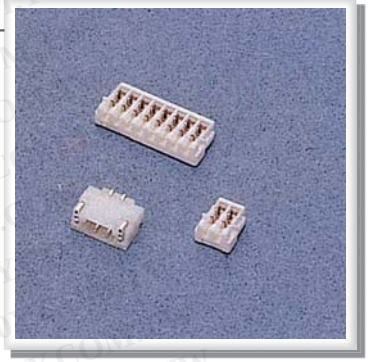
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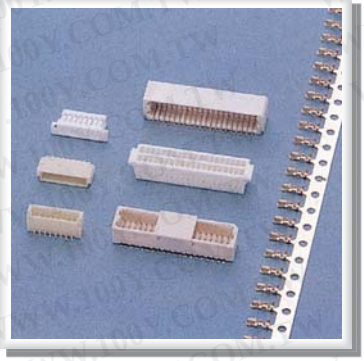
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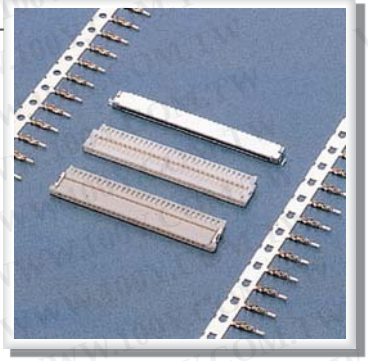
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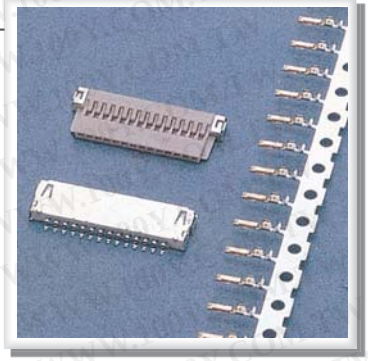
A1001 SERIES
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A1006 SERIES
PITCH：1.00mm PAGE：19~21



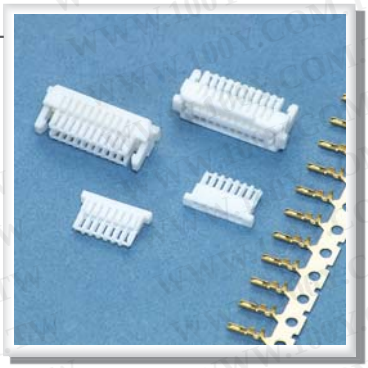
A1007 SERIES
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A1008 SERIES
PITCH：1.00mm PAGE：25~26



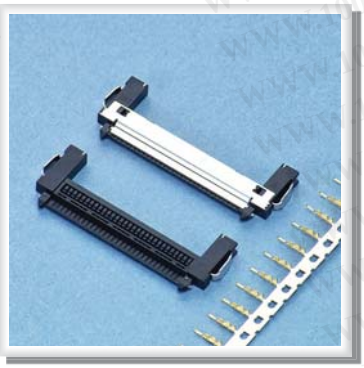
A1009 SERIES
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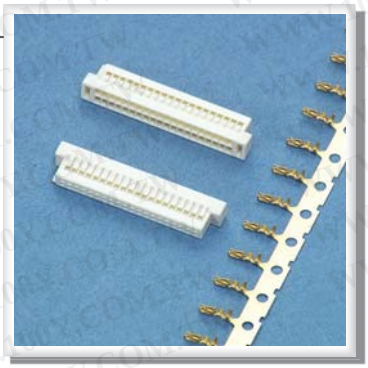
A1011 SERIES
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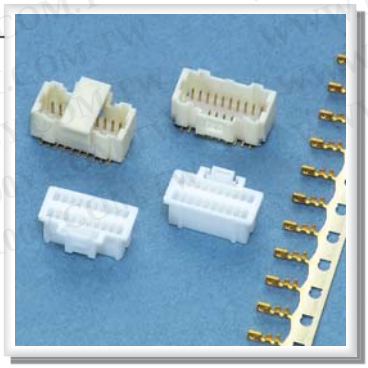
A1012 SERIES
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A1013 SERIES
PITCH：1.00mm PAGE：34~36

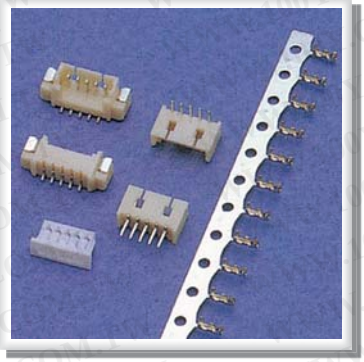


A1014 SERIES
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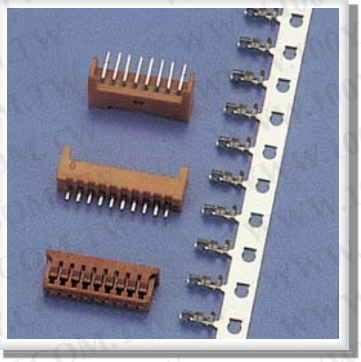


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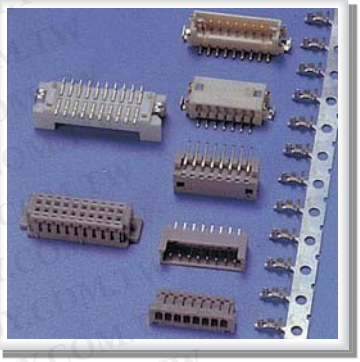
A1250 SERIES
PITCH：1.25mm PAGE：40~44



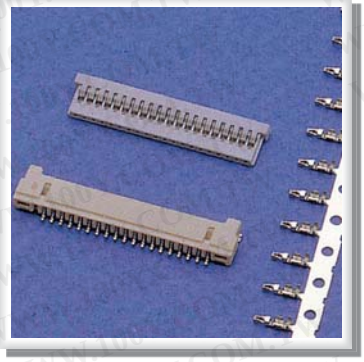
A1251 SERIES
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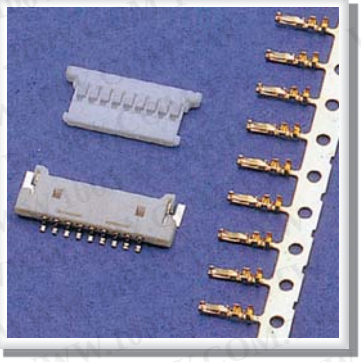
A1252 SERIES
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A1253 SERIES
PITCH：1.25mm PAGE：55~59



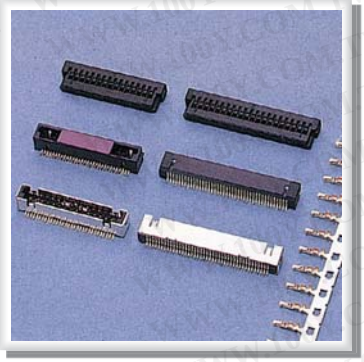
A1254 SERIES
PITCH：1.25mm PAGE：60~62



A1255 SERIES
PITCH：1.25mm PAGE：63~65



A1256 SERIES
PITCH：1.25mm PAGE：66~70



A1271 SERIES
PITCH：1.27mm PAGE：71~74



A1272 SERIES
PITCH：1.27mm PAGE：75~78



A1273 SERIES
PITCH：1.27mm PAGE：79~82



A1274 SERIES
PITCH：1.27mm PAGE：83~86



A1275 SERIES
PITCH：1.27mm PAGE：87~90



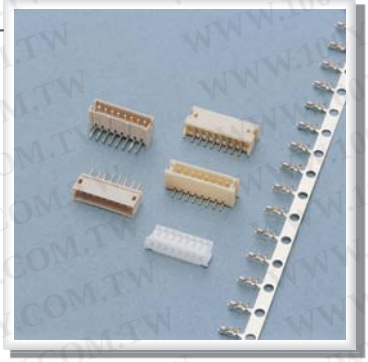
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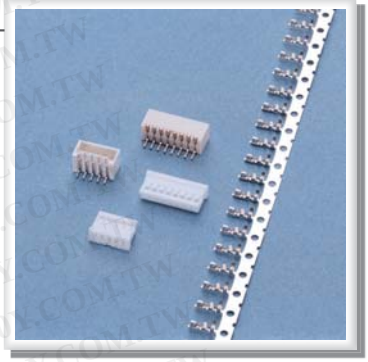
A1276 SERIES
PITCH：1.27mm PAGE：91~94



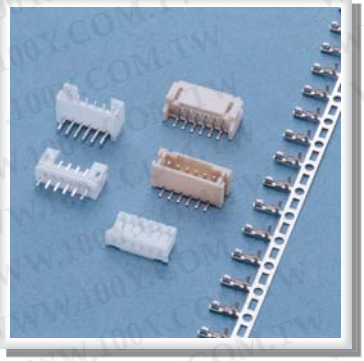
A1500 SERIES
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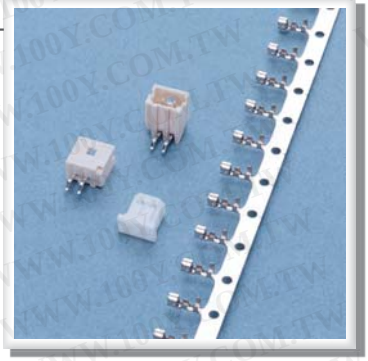
A1501 SERIES
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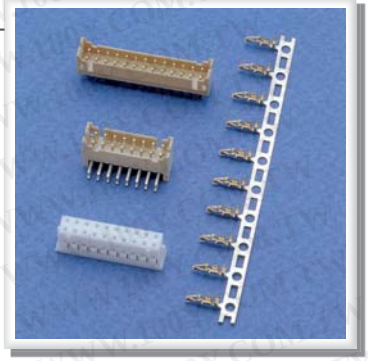
A2001 SERIES
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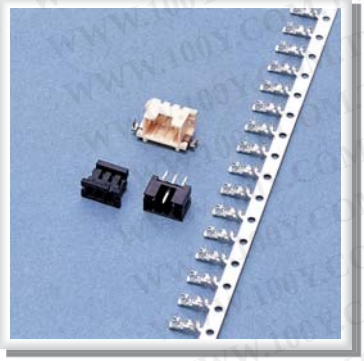
A2002 SERIES
PITCH：2.00mm PAGE：108~110



A2004 SERIES
PITCH：2.00mm PAGE：111~118



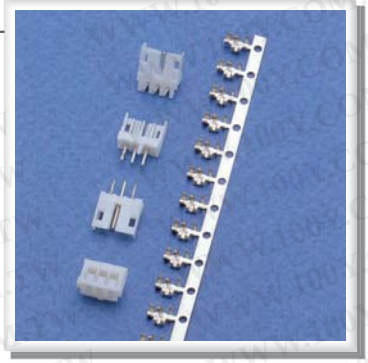
A2005 SERIES
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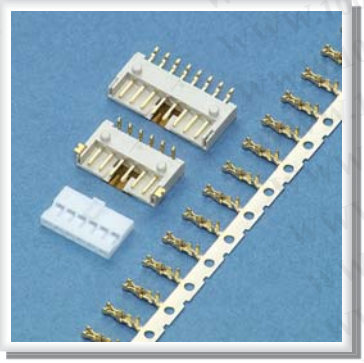
A2006 SERIES
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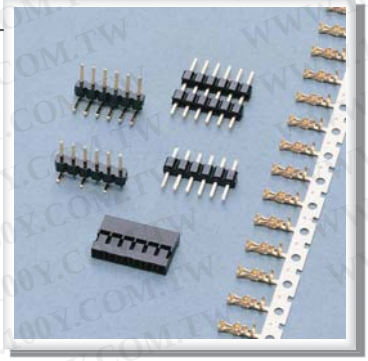
A2013 SERIES
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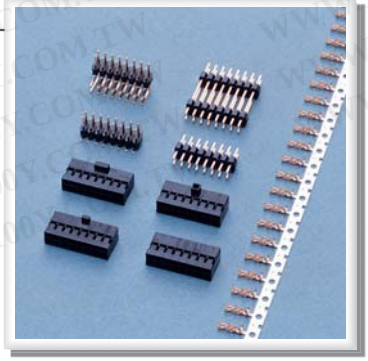
A2014 SERIES
PITCH：2.00mm PAGE：130~132



A2015 SERIES
PITCH：2.00mm PAGE：133~137



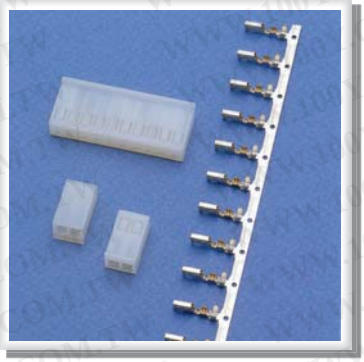
A2016 SERIES
PITCH：2.00mm PAGE：138~143



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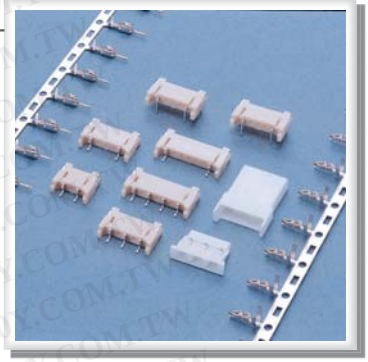
A3962 SERIES
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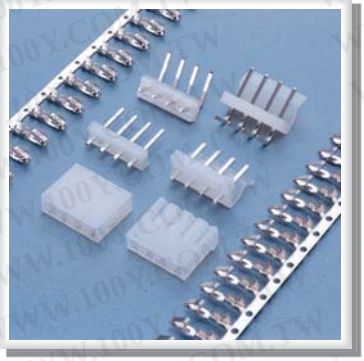
A3963 SERIES
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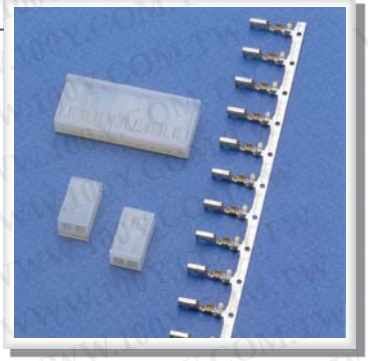
A4000 SERIES
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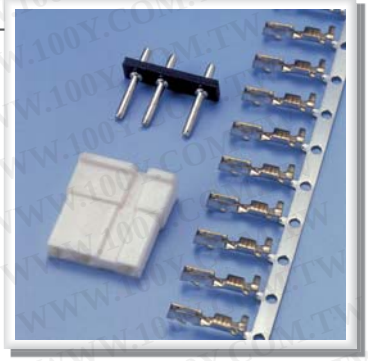
A5081 SERIES
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A5082 SERIES
PITCH：5.08mm PAGE：262~263



A7500 SERIES
PITCH：7.50~5.00mm PAGE：264~266



A7920 SERIES
PITCH：7.92mm PAGE：267~270



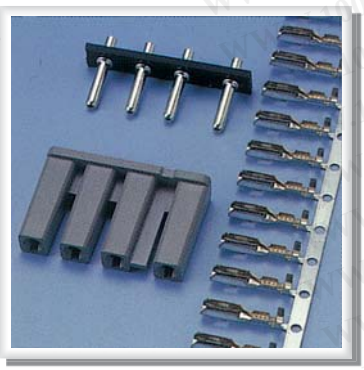
A7921 SERIES
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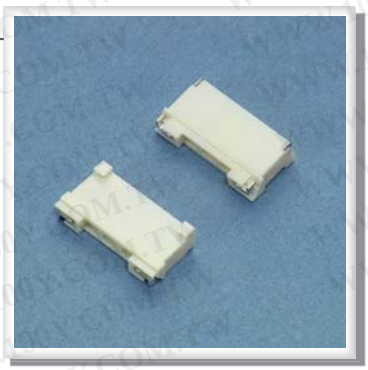
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PITCH：7.92mm PAGE：273~275



A1080 SERIES
PITCH：10.00~8.00mm PAGE：276~278

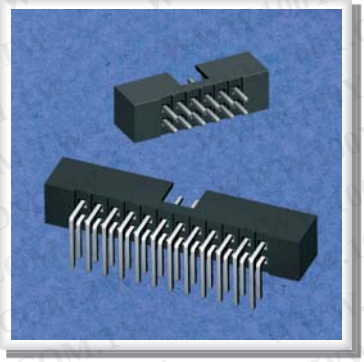


A1300 SERIES
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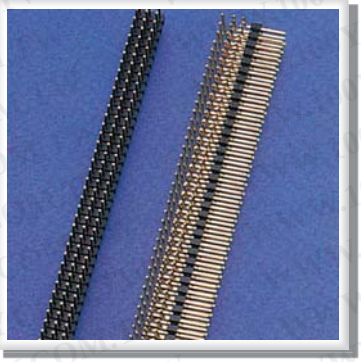


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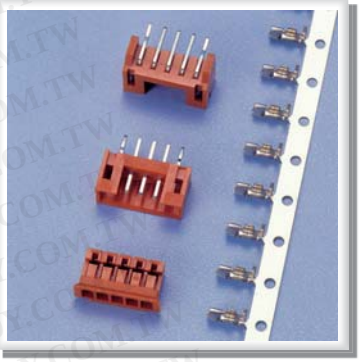
A2017 SERIES
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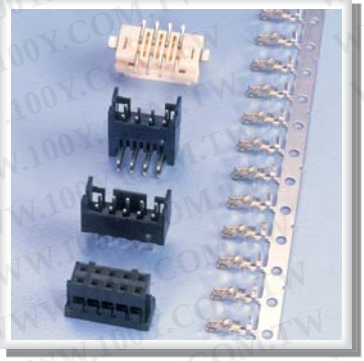
A2018 SERIES
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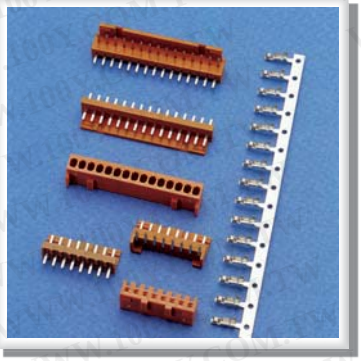
A2100 SERIES
PITCH：2.00mm PAGE：149~151



A2211 SERIES
PITCH：2.00mm PAGE：152~156



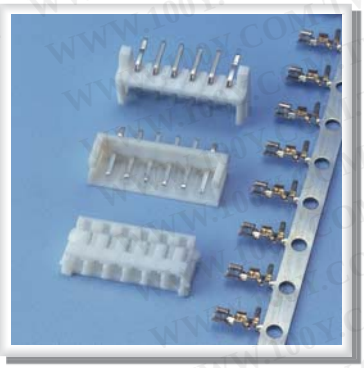
A2500 SERIES
PITCH：2.50mm PAGE：157~159



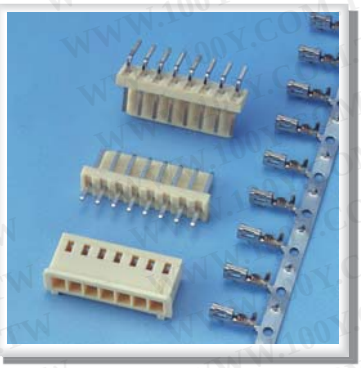
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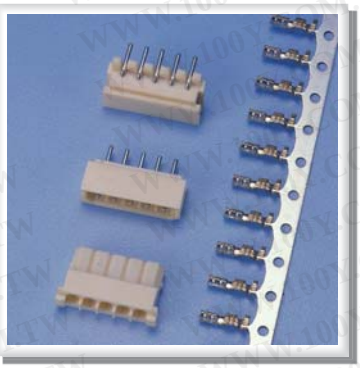
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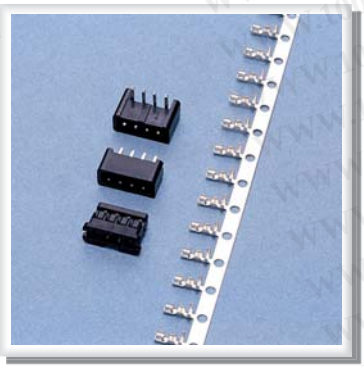
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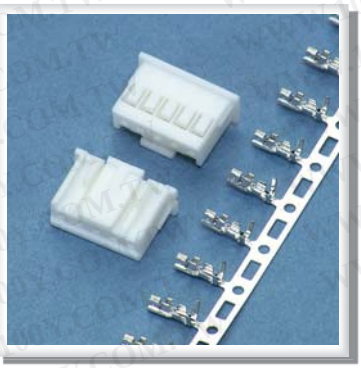
A2506 SERIES
PITCH：2.50mm PAGE：170~172



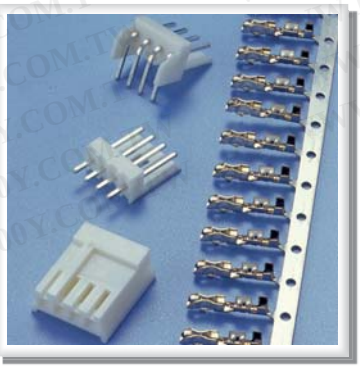
A2507 SERIES
PITCH：2.50mm PAGE：173~175



A2508 SERIES
PITCH：2.50mm PAGE：176~177



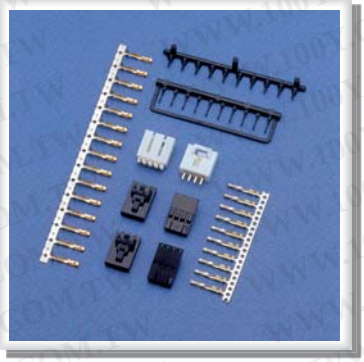
A2540 SERIES
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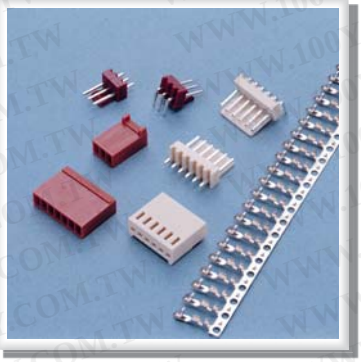
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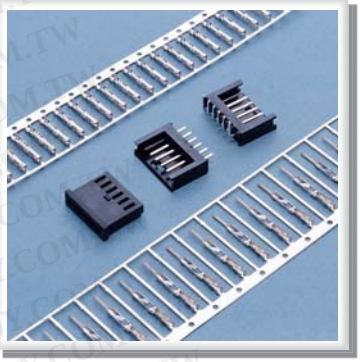
A2541 SERIES
PITCH：2.54mm PAGE：182~188



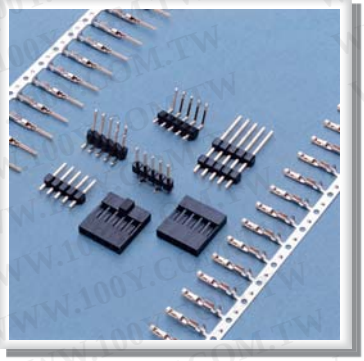
A2542 SERIES
PITCH：2.54mm PAGE：189~203



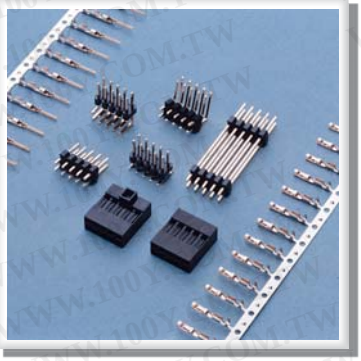
A2543 SERIES
PITCH：2.54mm PAGE：204~207



A2545 SERIES
PITCH：2.54mm PAGE：208~213



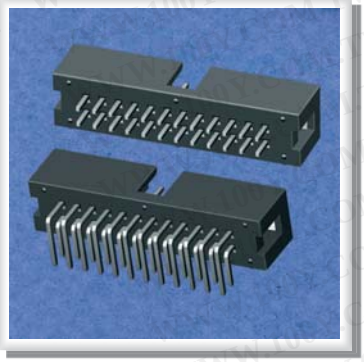
A2546 SERIES
PITCH：2.54mm PAGE：214~219



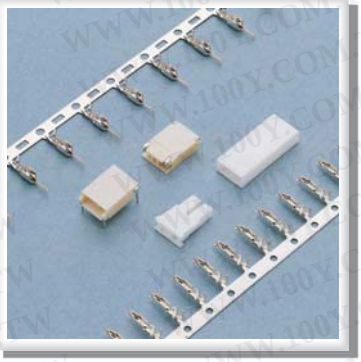
A2547 SERIES
PITCH：2.54mm PAGE：220~221



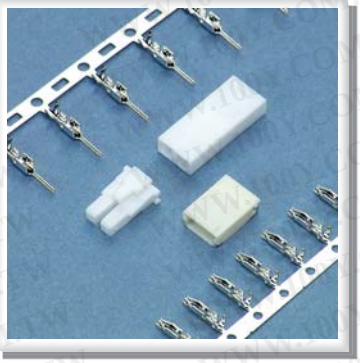
A2548 SERIES
PITCH：2.54mm PAGE：222~224



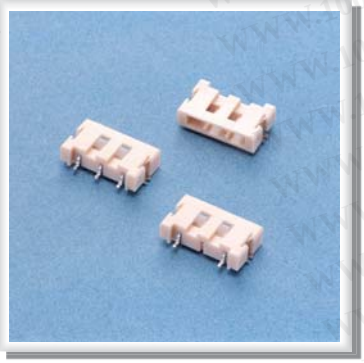
A3500 SERIES
PITCH：3.50mm PAGE：225~230



A3501 SERIES
PITCH：3.50mm PAGE：231~233



A3800 SERIES
PITCH：3.80mm PAGE：234~235



A3960 SERIES
PITCH：3.96mm PAGE：236~241



A3961 SERIES
PITCH：3.96mm PAGE：242~245

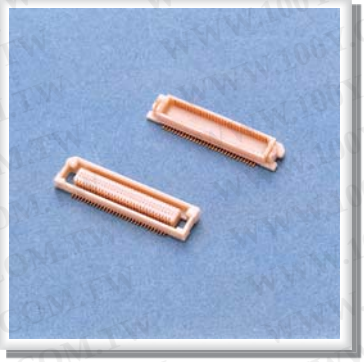


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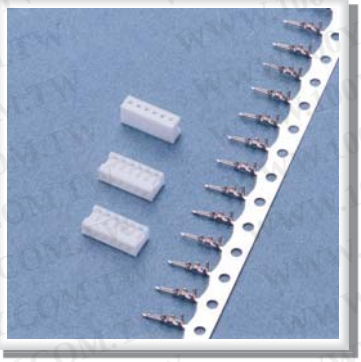
INDEX

B. Board to board & Board-in connectors

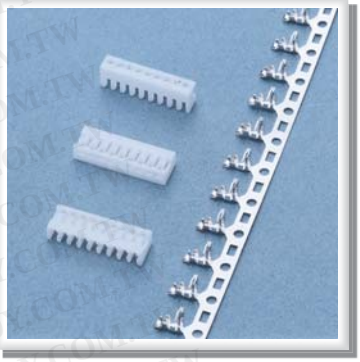
B0600 SERIES
PITCH：0.60mm PAGE：281~283



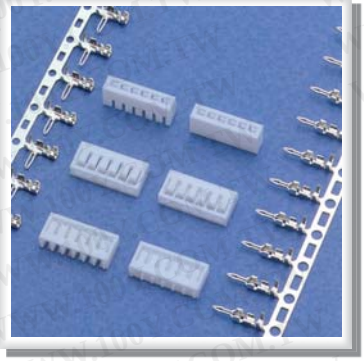
B1259 SERIES
PITCH：1.25mm PAGE：284~285



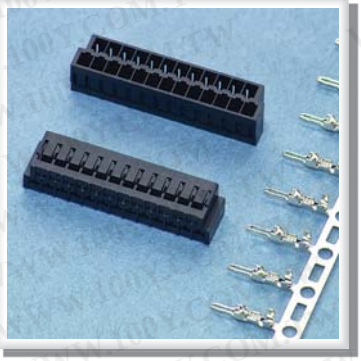
B1502 SERIES
PITCH：1.50mm PAGE：286~287



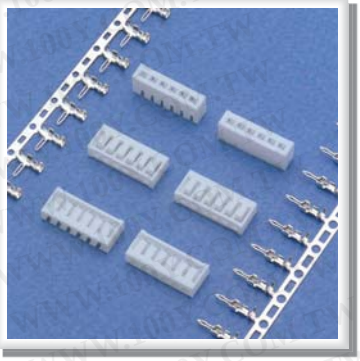
B2011 SERIES
PITCH：2.00mm PAGE：288~290



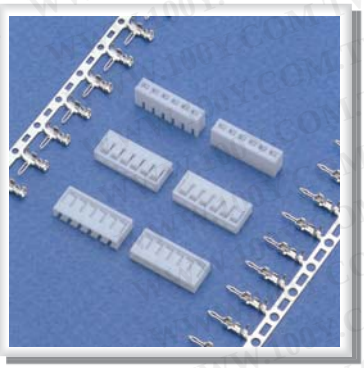
B2012 SERIES
PITCH：2.00mm PAGE：291~292



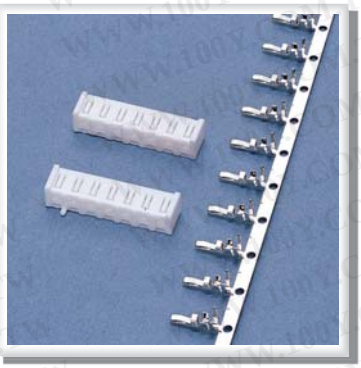
B2512 SERIES
PITCH：2.50mm PAGE：293~296



B2513 SERIES
PITCH：2.50mm PAGE：297~298



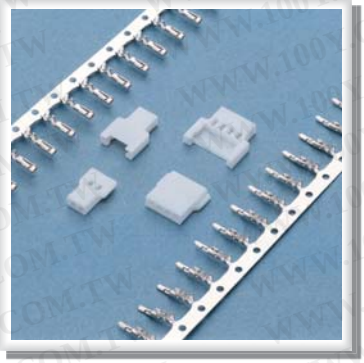
B3965 SERIES
PITCH：3.96mm PAGE：299~301



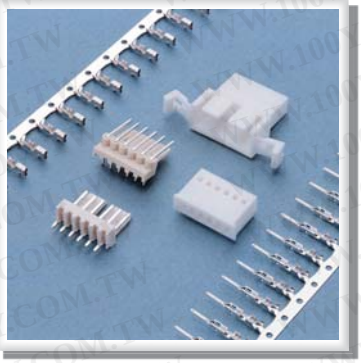
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C. Wire to wire connectors

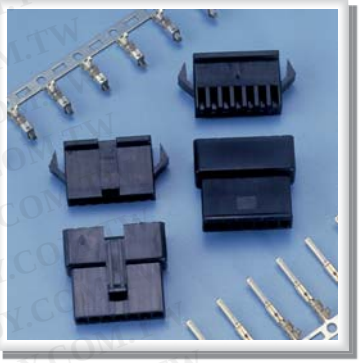
C2003 SERIES
PITCH：2.00mm PAGE：302~304



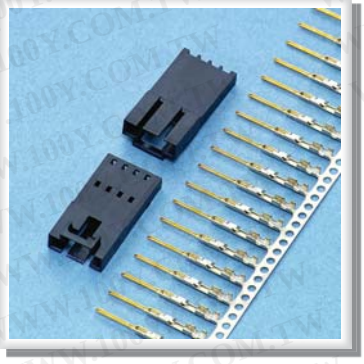
C2504 SERIES
PITCH：2.50mm PAGE：305~309



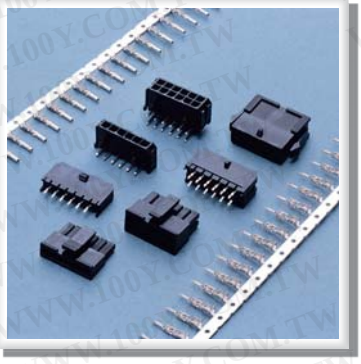
C2505 SERIES
PITCH：2.50mm PAGE：310~312



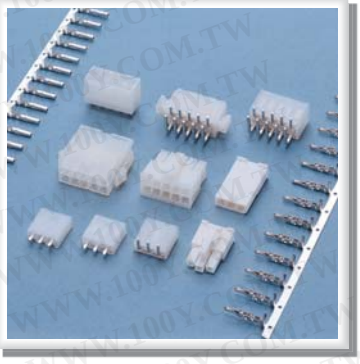
C2544 SERIES
PITCH：2.54mm PAGE：313~314



C3030 SERIES
PITCH：3.00mm PAGE：315~323



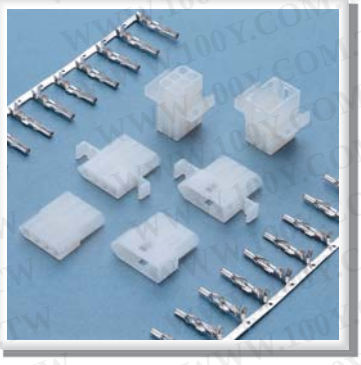
C4255 SERIES
PITCH：4.20mm PAGE：324~337



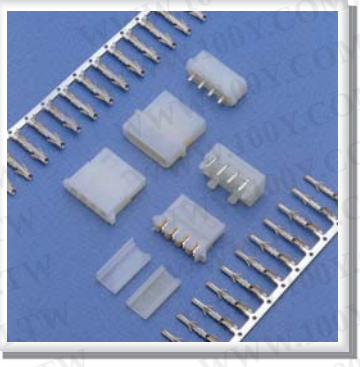
C4500 SERIES
PITCH：4.50mm PAGE：338~343



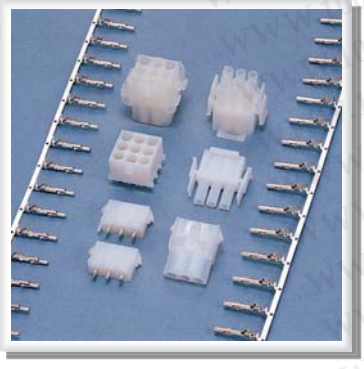
C5030 SERIES
PITCH：5.03mm PAGE：344~350



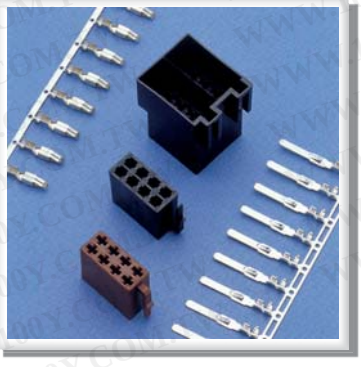
C5080 SERIES
PITCH：5.08mm PAGE：351~356



C6350 SERIES
PITCH：6.35mm PAGE：357~365



C6500 SERIES
PITCH：6.00~5.00mm PAGE：366~368



C6501 SERIES
PITCH：6.00~5.00mm PAGE：369~370



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C. Wire to wire connectors

C6502 SERIES
PITCH : 6.00~5.00mm PAGE : 371~372



F. FFC/FPC connectors

F0500 SERIES
PITCH : 0.50mm PAGE : 373~375



F0501 SERIES
PITCH : 0.50mm PAGE : 376~377



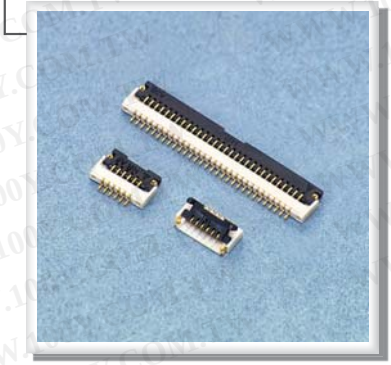
F0502 SERIES
PITCH : 0.50mm PAGE : 378~379



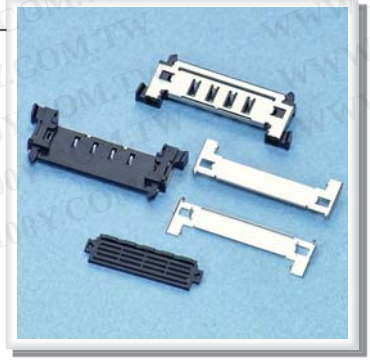
F0503 SERIES
PITCH : 0.50mm PAGE : 380~382



F0504 SERIES
PITCH : 0.50mm PAGE : 383~384

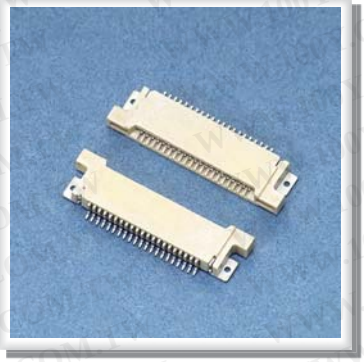


F0506 SERIES
PITCH : 0.50mm PAGE : 385~389

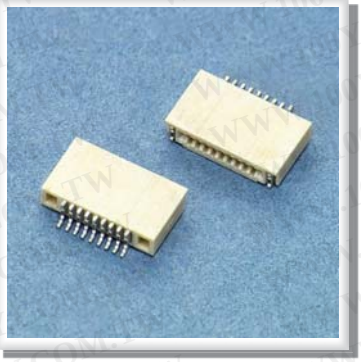


F. FFC/FPC connectors

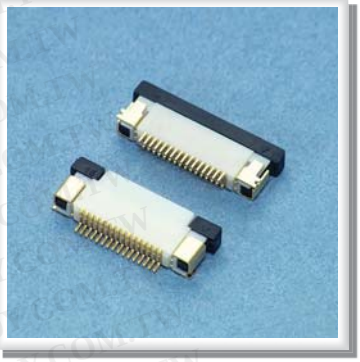
F0507 SERIES
PITCH：0.50mm PAGE：390~391



F0508 SERIES
PITCH：0.50mm PAGE：392~393



F0509 SERIES
PITCH：0.50mm PAGE：394~395



F1000 SERIES
PITCH：1.00mm PAGE：396~398



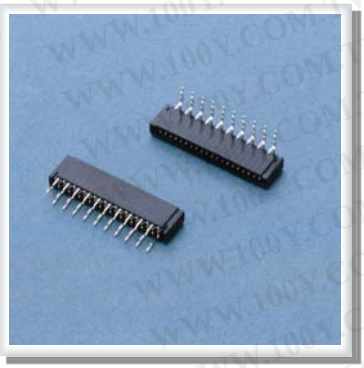
F1002 SERIES
PITCH：1.00mm PAGE：399~401



F1003 SERIES
PITCH：1.00mm PAGE：402~404



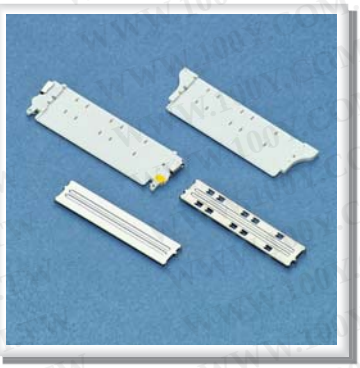
F1004 SERIES
PITCH：1.00mm PAGE：405~406



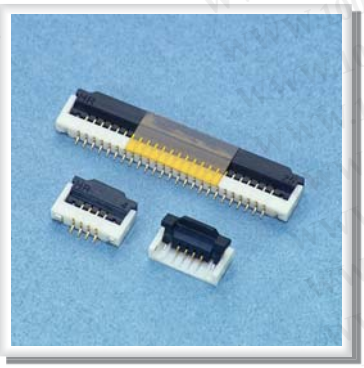
F1005 SERIES
PITCH：1.00mm PAGE：407~409



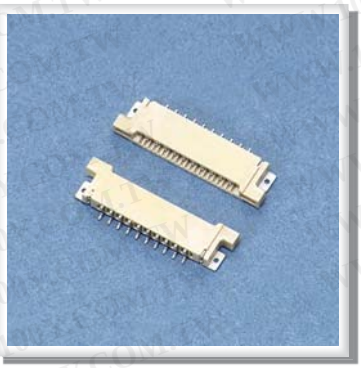
F1010 SERIES
PITCH：1.00mm PAGE：410~415



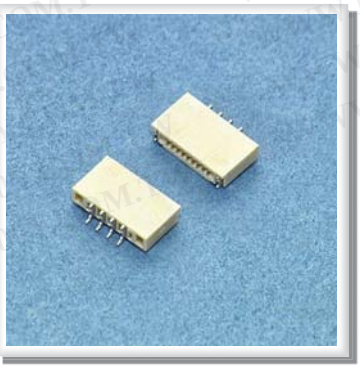
F1015 SERIES
PITCH：1.00mm PAGE：416~417



F1016 SERIES
PITCH：1.00mm PAGE：418~419



F1017 SERIES
PITCH：1.00mm PAGE：420~421



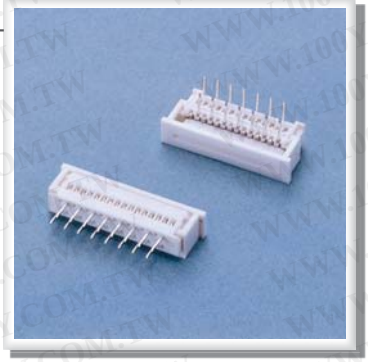
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F. FFC/FPC connectors

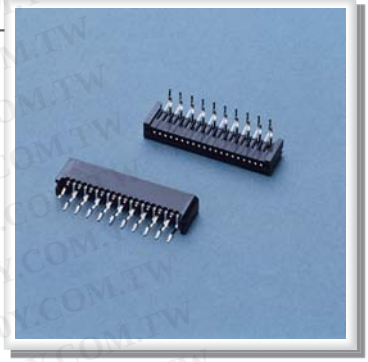
F1018 SERIES
PITCH：1.00mm PAGE：422~423



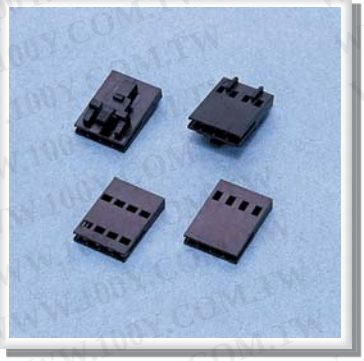
F1257 SERIES
PITCH：1.25mm PAGE：424~425



F1258 SERIES
PITCH：1.25mm PAGE：426~428

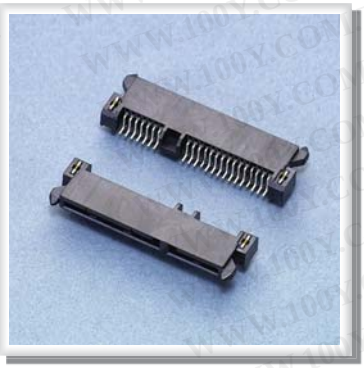


F2544 SERIES
PITCH：2.54mm PAGE：429~432



ST. Serial ATA

ST SERIES
PITCH：1.27mm PAGE：433~434



HRJ. Modular Jack

HRJ SERIES
PITCH：1.02mm PAGE：435~443

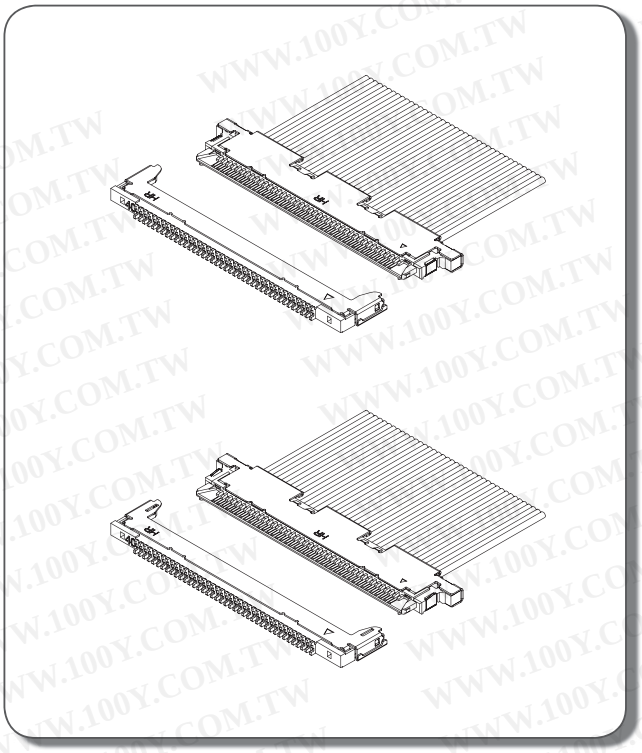


DC. DC Power Jack

DC SERIES
PAGE：444~445



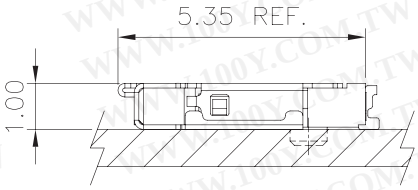
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Specifications

Current rating: 0.3A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A0400 H A-30P

❶ Series No.
❷ H=Housing
❸ Blank=Without lock structure type
A=With lock structure type
❹ No. of circuits

❶ ❷ ❸ ❹ ❺
A0400 WR A-SF-30P

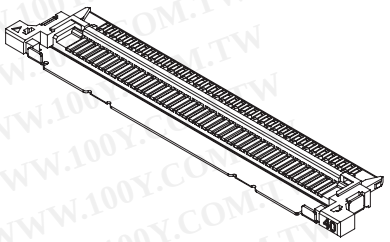
❶ Series No.
❷ Connector type: WR=Right angle
❸ Blank=Without lock structure type
A=With lock structure type
❹ Mounting type: SF=SMT with boss
S=SMT without boss
❺ No. of circuits

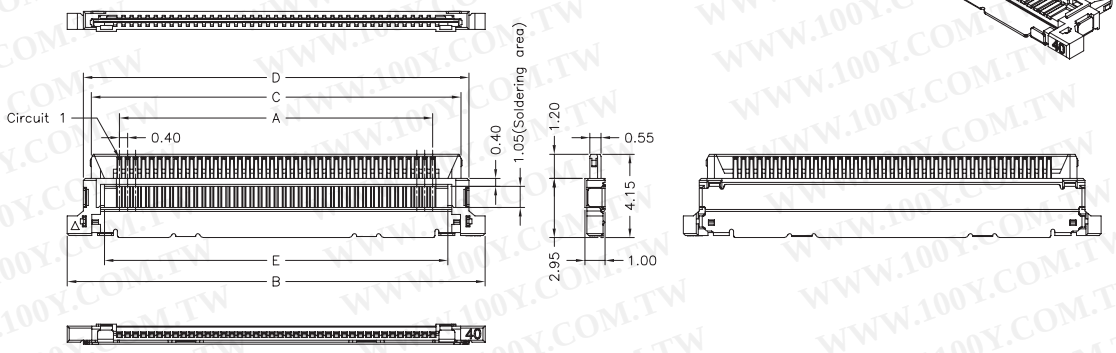
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A0400H — 0.40mm pitch Housing - SOLDERING TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Housing: LCP,UL94V-0
Shell: Phosphor Bronze/Tin-plated
*Suitable Coaxial Cable #40,42





A0400H-30P N L B G2 T 00 B
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray

Ordering Information & Dimensions:

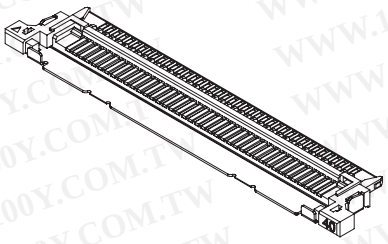
PART NO.	Dimensions				
	A	B	C	D	E
A0400H-30P	11.60	16.80	14.40	15.20	13.10
A0400H-40P	15.60	20.80	18.40	19.20	17.10

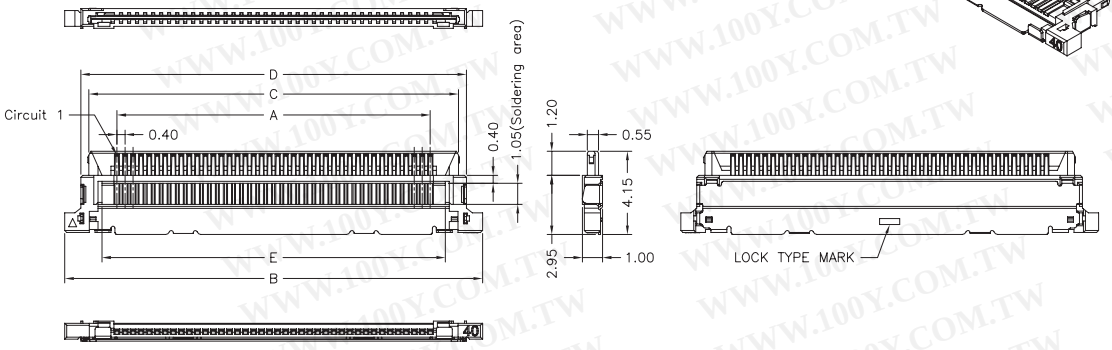
Unit:mm

A0400HA — 0.40mm pitch Housing With Lock - SOLDERING TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Housing: LCP,UL94V-0
Shell: Phosphor Bronze/Tin-plated
*Suitable Coaxial Cable #40,42





A0400HA-30P N L B G2 T 00 B
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray

Ordering Information & Dimensions:

PART NO.	Dimensions				
	A	B	C	D	E
A0400HA-30P	11.60	16.80	14.40	15.20	13.10
A0400HA-40P	15.60	20.80	18.40	19.20	17.10

Unit:mm

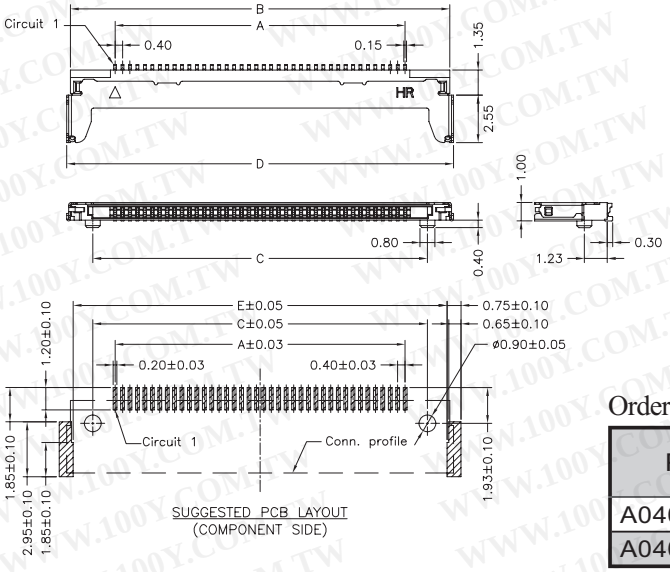
A0400WR-SF

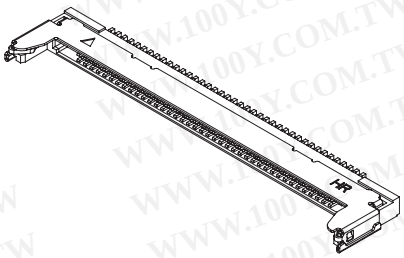
0.40mm pitch 90° Wafer With Boss - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A0400 series Housing

A0400WR-SF-30P N L B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions				
	A	B	C	D	E
A0400WR-SF-30P	11.60	16.40	14.00	16.80	16.10
A0400WR-SF-40P	15.60	20.40	18.00	20.80	20.10

Unit:mm

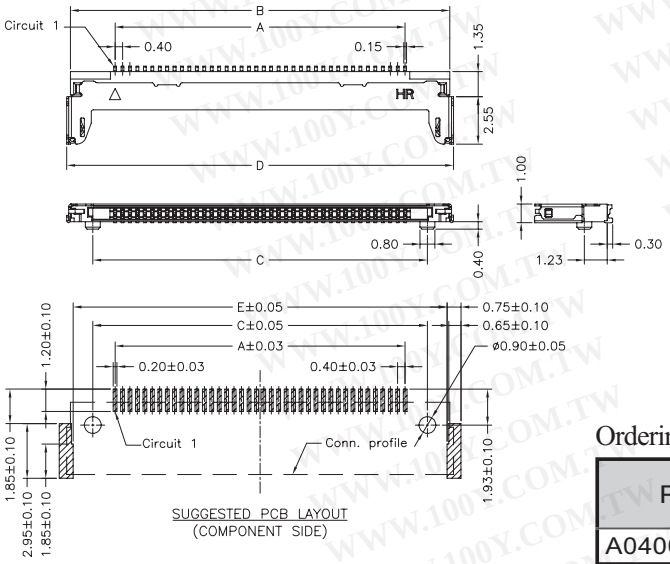
A0400WRA-SF

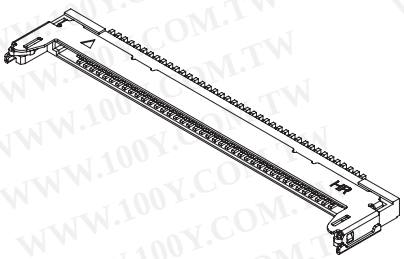
0.40mm pitch 90° Wafer With Boss, Lock - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A0400 series Housing

A0400WRA-SF-30P N L B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions				
	A	B	C	D	E
A0400WRA-SF-30P	11.60	16.40	14.00	16.80	16.10
A0400WRA-SF-40P	15.60	20.40	18.00	20.80	20.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

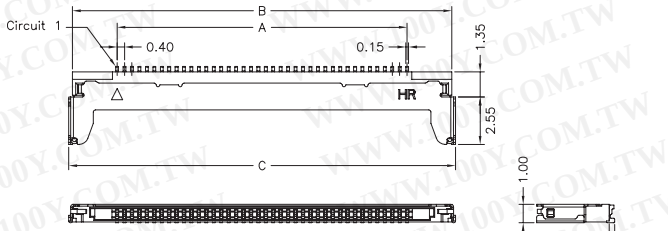
A0400WR-S

0.40mm pitch 90° Wafer - SMT TYPE

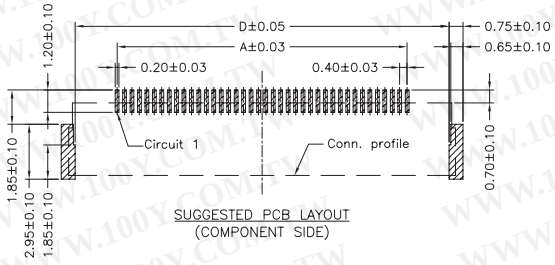
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A0400 series Housing

A0400WR-S-30P N L B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel







Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
A0400WR-S-30P	11.60	16.40	16.80	16.10
A0400WR-S-40P	15.60	20.40	20.80	20.10

Unit:mm

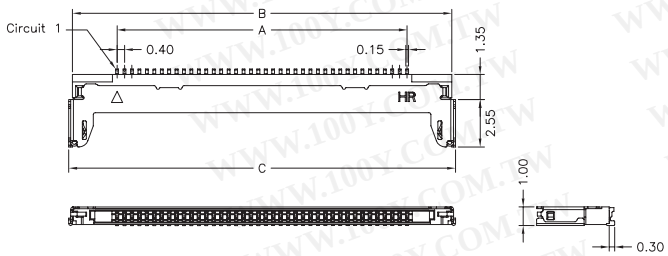
A0400WRA-S

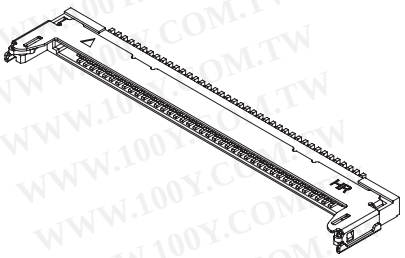
0.40mm pitch 90° Wafer With Lock - SMT TYPE

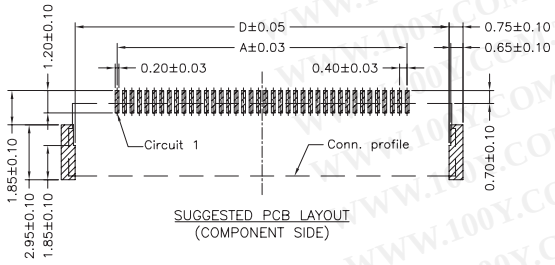
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A0400 series Housing

A0400WRA-S-30P N L B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



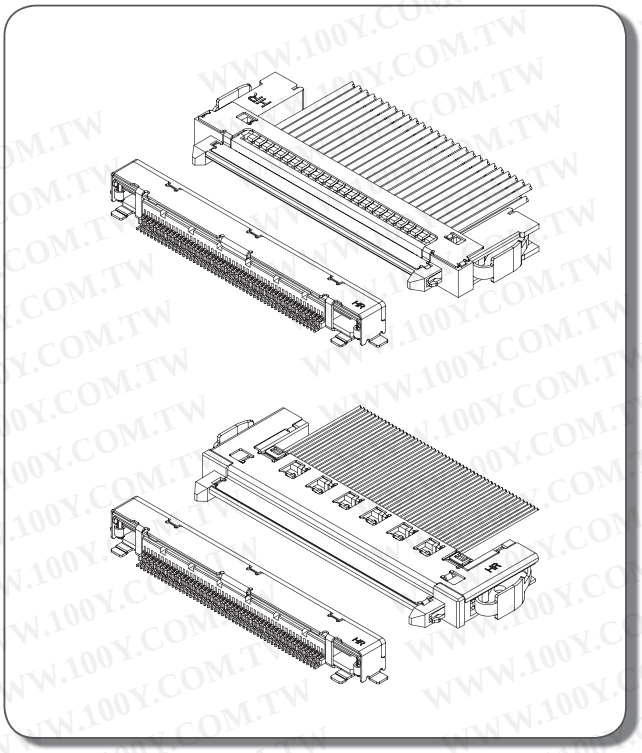




Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
A0400WRA-S-30P	11.60	16.40	16.80	16.10
A0400WRA-S-40P	15.60	20.40	20.80	20.10

Unit:mm



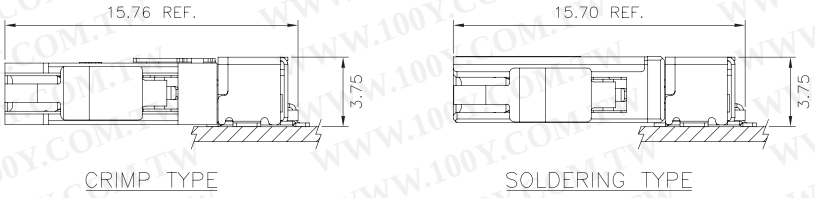
Specifications

Current rating: 0.7A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 50mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A0505-G P E -A

❶ Series No.
❷ Plating code: G=Gold-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -A=A type, -B=B type

❶ ❷ ❸ ❹
A0505 H A-51P

❶ Series No.
❷ H=Housing
❸ Blank=Crimp type, A=Soldering type
❹ No. of circuits

❶ ❷ ❸ ❹
A0505 WR-S-51P

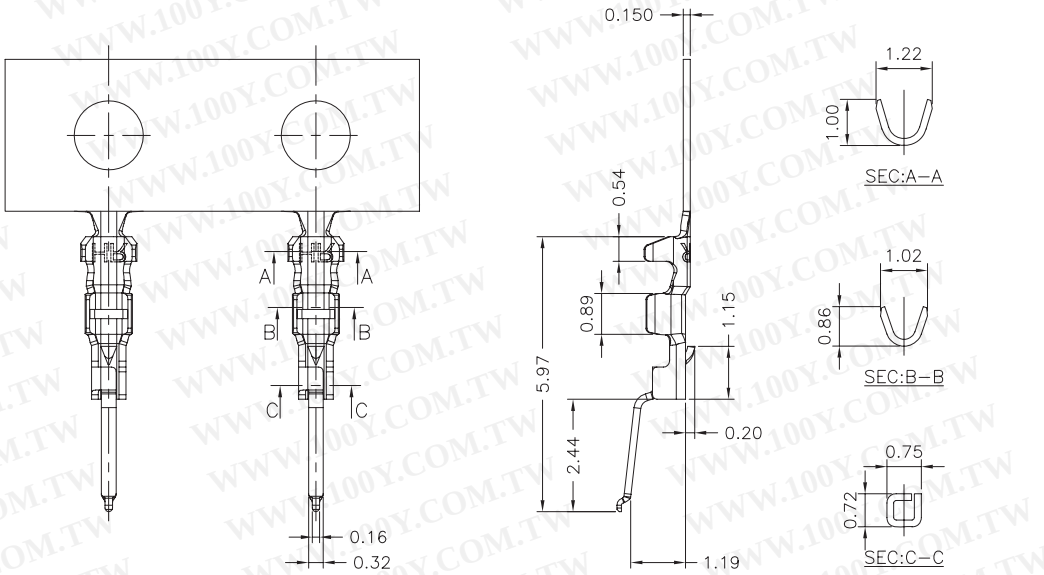
❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A0505-T 0.50mm pitch Crimp Terminal - A TYPE

Reference Informations:

*Used in H.R A0505 series Housing



Ordering Information & Specifications: Unit:mm

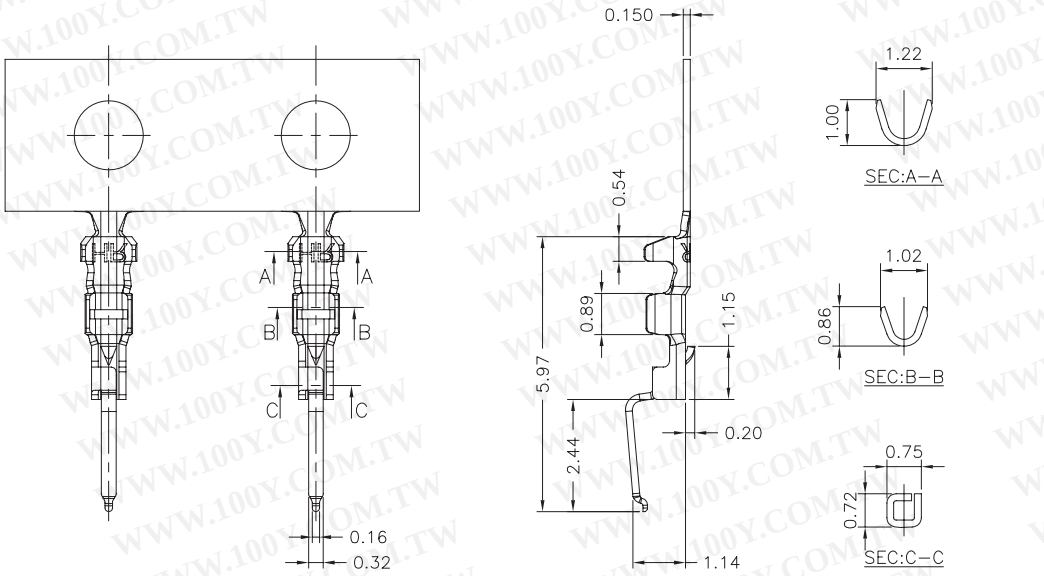
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A0505-GPE-A	AWG#30-#36	0.75mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

Note:E-Stamping before Gold-plated

A0505-T 0.50mm pitch Crimp Terminal - B TYPE

Reference Informations:

*Used in H.R A0505 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A0505-GPE-B	AWG#30-#36	0.75mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

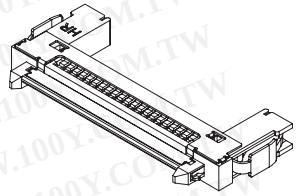
Note:E-Stamping before Gold-plated

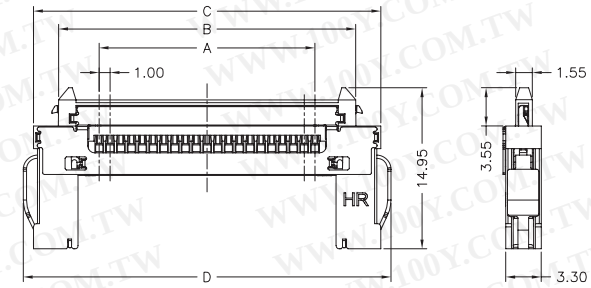
A0505H

0.50mm pitch Housing - CRIMP TYPE

Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Shell: Stainless
Lock lever: Stainless
*Suitable H.R A0505 series Terminal





Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
A0505H-21P	10.00	17.54	22.20	24.34
A0505H-31P	15.00	22.54	27.20	29.34
A0505H-41P	20.00	27.54	32.20	34.34
A0505H-51P	25.00	32.54	37.20	39.34

Unit:mm

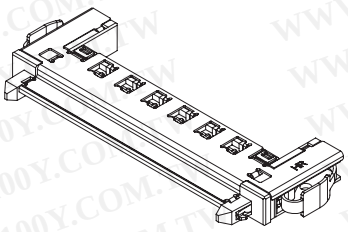
A0505HA

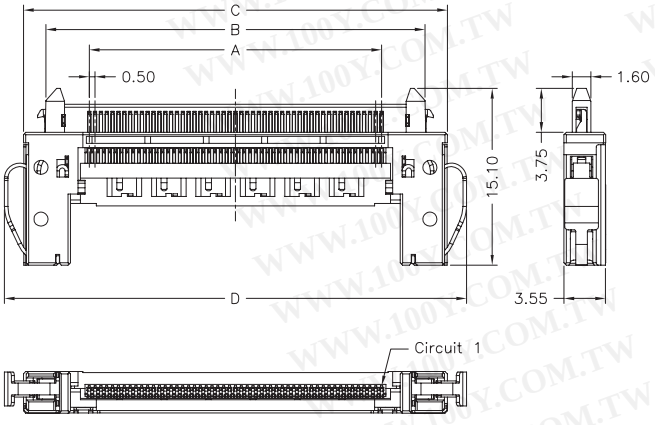
0.50mm pitch Housing - SOLDERING TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated on contact area;
Tin-plated on solder area
Housing: LCP,UL94V-0
Shell: Phosphor Bronze/Tin-plated
Lock lever: Stainless
*Suitable Coaxial Cable #40,42

A0505HA-51P N L B H2 T 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: H2=Gold-plated 3u"/Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
A0505HA-21P	10.00	17.40	21.25	24.45
A0505HA-31P	15.00	22.40	26.25	29.45
A0505HA-41P	20.00	27.40	31.25	34.45
A0505HA-51P	25.00	32.40	36.25	39.45

Unit:mm

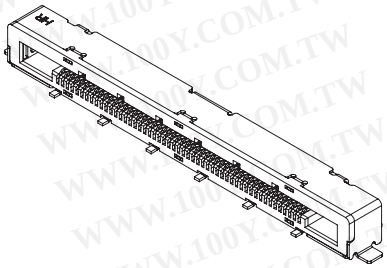
A0505WR-S

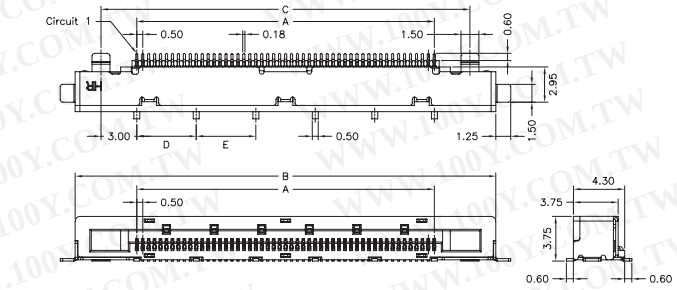
0.50mm pitch 90° Wafer - SMT TYPE

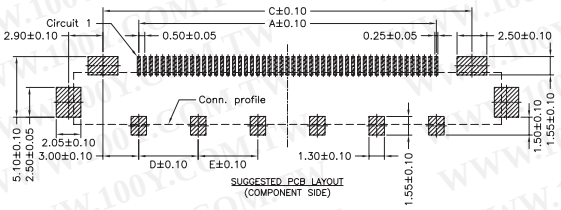
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated on contact area;
Tin-plated on solder area
Shell: Phosphor Bronze/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A0505 series Housing

A0505WR-S-51P N L B H2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: H2=Gold-plated 3u"/Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



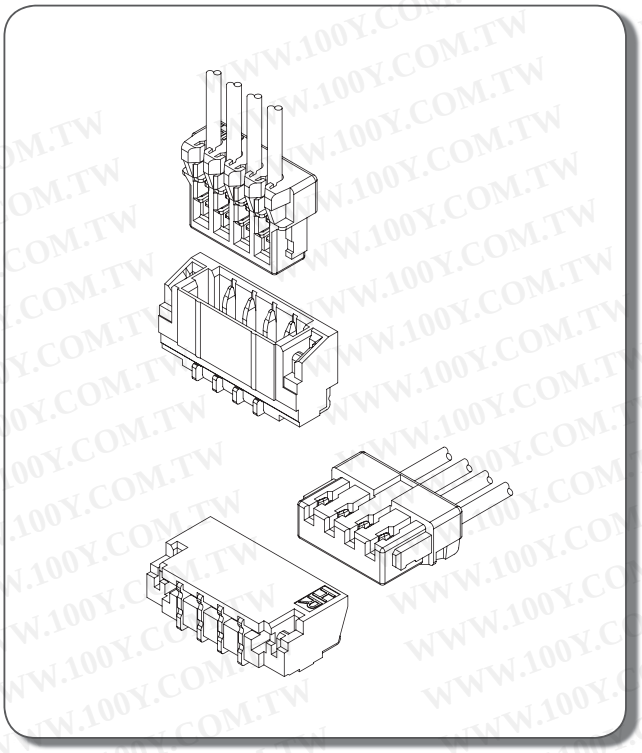




Ordering Information & Dimensions:

PART NO.	Dimensions				
	A	B	C	D	E
A0505WR-S-21P	10.00	20.35	16.00	3.00	------
A0505WR-S-31P	15.00	25.35	21.00	4.00	------
A0505WR-S-41P	20.00	30.35	26.00	4.00	4.00
A0505WR-S-51P	25.00	35.35	31.00	5.00	5.00

Unit:mm



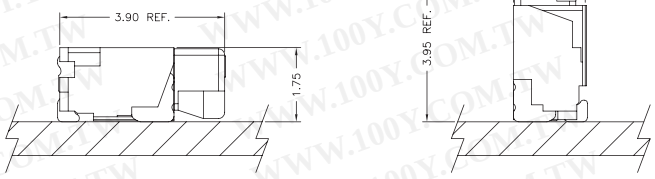
Specifications

Current rating: 0.5A AC,DC
Voltage rating: 30V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 200V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ A0800 ❷ H ❸ I – ❹ 05P ❺ -G01

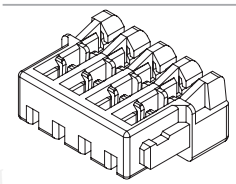
❶ Series No.
❷ H=Housing
❸ I=Insulation Displacement Connector
❹ No. of circuits
❺ Option code:
Blank=Without ear
-1=With ear
-G01=Without ear, Gold-flash
-G11=With ear, Gold-flash

❶ A0800 ❷ WV – ❸ S – ❹ 05P ❺ D01

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code: D01=Gold-flash, Taping reel

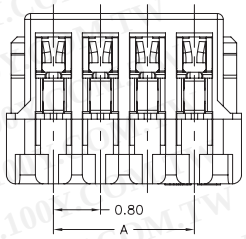
A0800HI

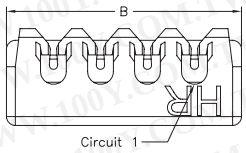
0.80mm pitch Insulation Displacement Connector

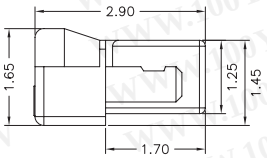


Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Contacts: Phosphor Bronze/Tin-plated
*Applicable Wire: AWG#32
*Insulation O.D.: 0.38mm
*Mates with H.R A0800 series Wafer







A0800HI−05P N L N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin−plated, G1=Gold−flash
⑤ Plating code: N=Non−plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray

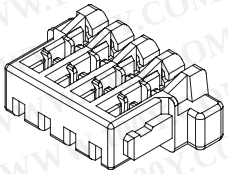
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A0800HI-02P	0.80	2.40
A0800HI-03P	1.60	3.20
A0800HI-04P	2.40	4.00
A0800HI-05P	3.20	4.80
A0800HI-06P	4.00	5.60
A0800HI-07P	4.80	6.40
A0800HI-08P	5.60	7.20
A0800HI-09P	6.40	8.00
A0800HI-10P	7.20	8.80
A0800HI-11P	8.00	9.60
A0800HI-12P	8.80	10.40
A0800HI-14P	10.40	12.00
A0800HI-15P	11.20	12.80
A0800HI-16P	12.00	13.60
A0800HI-17P	12.80	14.40
A0800HI-20P	15.20	16.80

Unit:mm

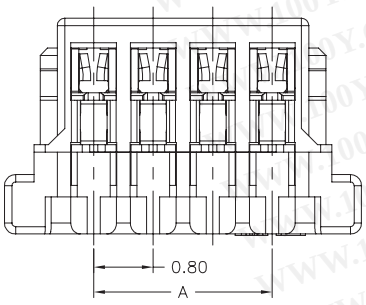
A0800HI

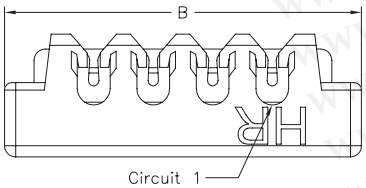
0.80mm pitch Insulation Displacement Connector With ear

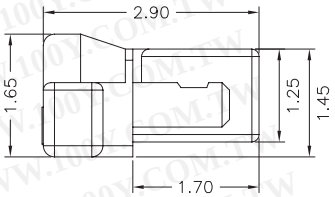


Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Contacts: Phosphor Bronze/Tin-plated
*Applicable Wire: AWG#32
*Insulation O.D.: 0.38mm
*Mates with H.R A0800 series Wafer







A0800HI−05P N L N T1 N 10 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin−plated, G1=Gold−flash
⑤ Plating code: N=Non−plating
⑥ Option code: 10=With ear
⑦ Packing code: B=Tray

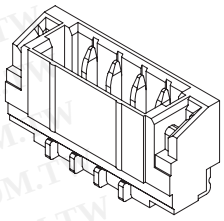
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A0800HI-02P-1	0.80	3.20
A0800HI-03P-1	1.60	4.00
A0800HI-04P-1	2.40	4.80
A0800HI-05P-1	3.20	5.60
A0800HI-06P-1	4.00	6.40
A0800HI-07P-1	4.80	7.20
A0800HI-08P-1	5.60	8.00
A0800HI-09P-1	6.40	8.80
A0800HI-10P-1	7.20	9.60
A0800HI-11P-1	8.00	10.40
A0800HI-12P-1	8.80	11.20
A0800HI-14P-1	10.40	12.80
A0800HI-15P-1	11.20	13.60
A0800HI-16P-1	12.00	14.40
A0800HI-17P-1	12.80	15.20
A0800HI-20P-1	15.20	17.60

Unit:mm

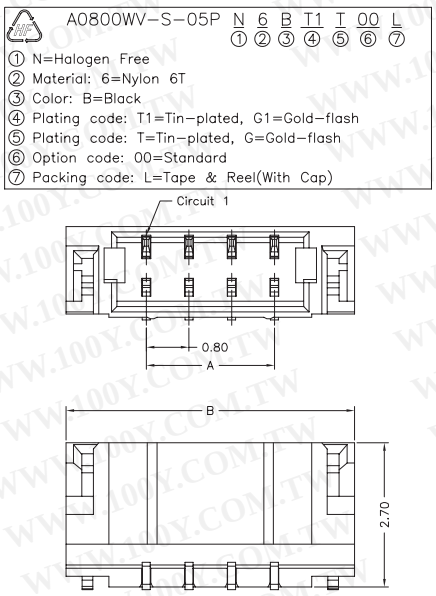
A0800WV-S

0.80mm pitch 180° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A0800 series Housing



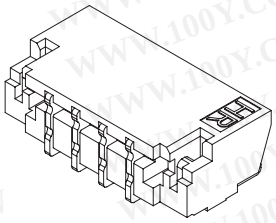
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A0800WV-S-02P	0.80	3.80
A0800WV-S-03P	1.60	4.60
A0800WV-S-04P	2.40	5.40
A0800WV-S-05P	3.20	6.20
A0800WV-S-06P	4.00	7.00
A0800WV-S-07P	4.80	7.80
A0800WV-S-08P	5.60	8.60
A0800WV-S-10P	7.20	10.20
A0800WV-S-12P	8.80	11.80
A0800WV-S-14P	10.40	13.40
A0800WV-S-15P	11.20	14.20
A0800WV-S-16P	12.00	15.00
A0800WV-S-17P	12.80	15.80
A0800WV-S-20P	15.20	18.20

Unit:mm

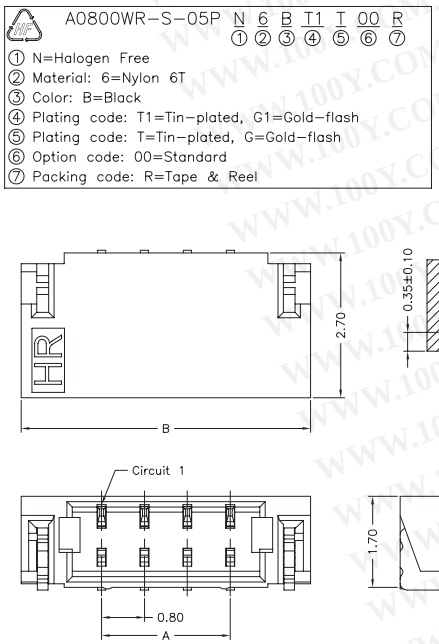
A0800WR-S

0.80mm pitch 90° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A0800 series Housing

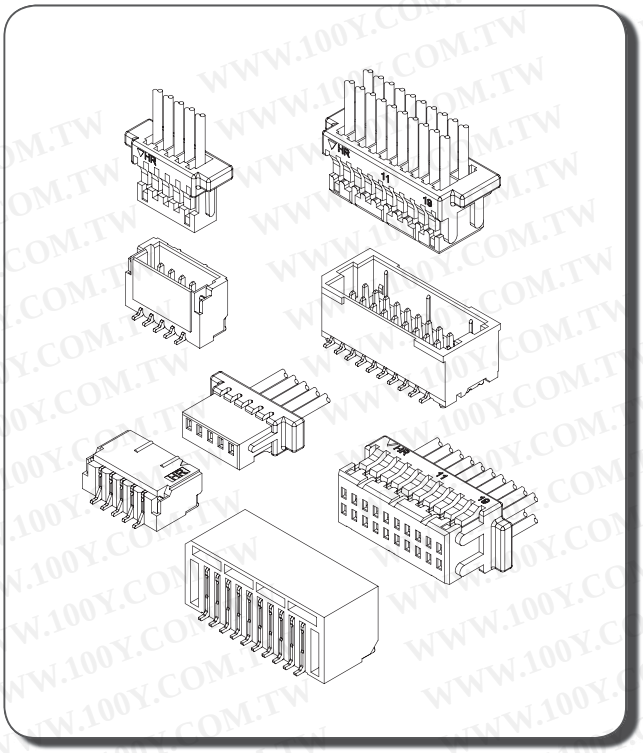


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A0800WR-S-02P	0.80	3.80
A0800WR-S-03P	1.60	4.60
A0800WR-S-04P	2.40	5.40
A0800WR-S-05P	3.20	6.20
A0800WR-S-06P	4.00	7.00
A0800WR-S-07P	4.80	7.80
A0800WR-S-08P	5.60	8.60
A0800WR-S-10P	7.20	10.20
A0800WR-S-12P	8.80	11.80
A0800WR-S-14P	10.40	13.40
A0800WR-S-15P	11.20	14.20
A0800WR-S-16P	12.00	15.00
A0800WR-S-17P	12.80	15.80
A0800WR-S-20P	15.20	18.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



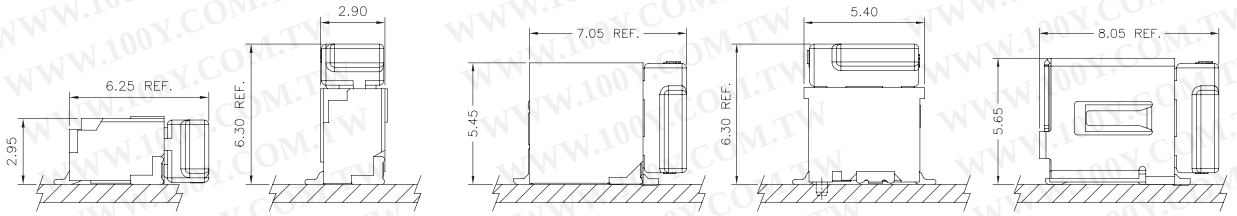
Specifications

Current rating: 1A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A1001 – T P E -C

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -C=C Type

❶ ❷ ❸ ❹ ❺
A1001 H – 2X 10P -1

❶ Series No.
❷ H=Housing
❸ Blank=Single row, 2X=Dual row
❹ No. of circuits
❺ Option code: -1=Type 1, -2=Type 2

❶ ❷ ❸ ❹ ❺ ❻ ❼
A1001 WR A – SF – 2X 20P D01

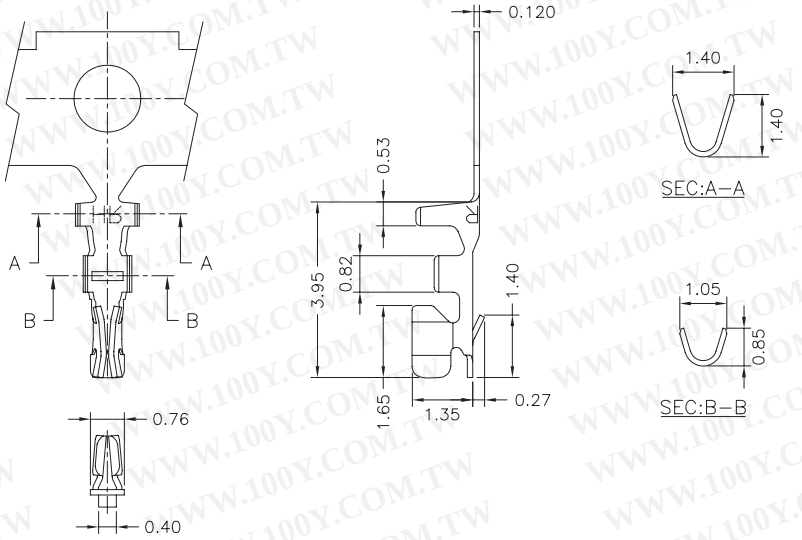
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type, A=Shell type
❹ Mounting type: SF=SMT with boss
S=SMT without boss
❺ Blank=Single row, 2X=Dual row
❻ No. of circuits
❼ Option code: D01=Gold-flash, Taping reel

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1001-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1001 series Housing



Ordering Information & Specifications: Unit:mm

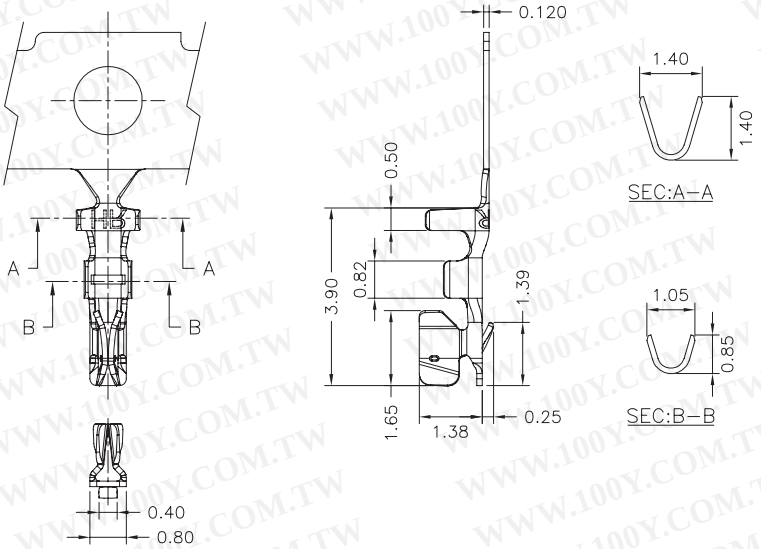
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1001-TPE	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
A1001-GPE	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

Note:E-Stamping before Tin-plated or Gold-plated

A1001-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1001 series Housing



Ordering Information & Specifications: Unit:mm

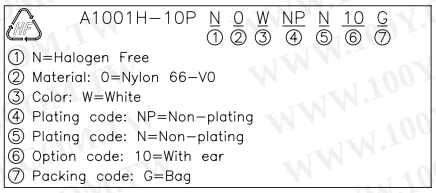
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1001-TPE-C	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
A1001-GPE-C	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

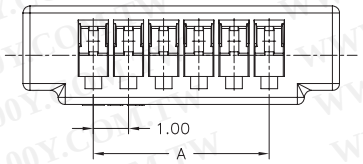
Note:E-Stamping before Tin-plated or Gold-plated

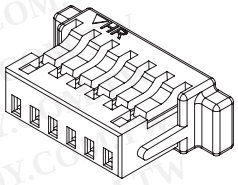
A1001H — 1.00mm pitch Single Row Housing

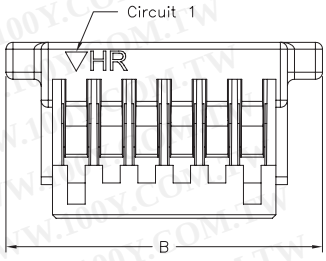
Reference Informations:

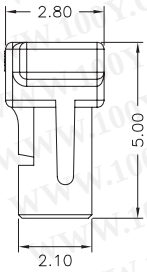
*Material: PBT,UL94V-0
*Suitable H.R A1001 series Terminal
*Mates with H.R A1001 series single row Wafer











Ordering Information & Dimensions:

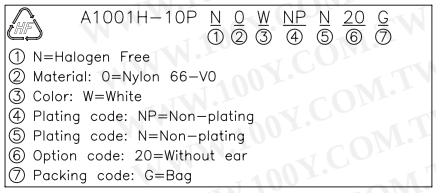
PART NO.	Dimensions	
	A	B
A1001H-02P-1	1.00	5.00
A1001H-03P-1	2.00	6.00
A1001H-04P-1	3.00	7.00
A1001H-05P-1	4.00	8.00
A1001H-06P-1	5.00	9.00
A1001H-07P-1	6.00	10.00
A1001H-08P-1	7.00	11.00
A1001H-09P-1	8.00	12.00
A1001H-10P-1	9.00	13.00
A1001H-11P-1	10.00	14.00
A1001H-12P-1	11.00	15.00
A1001H-13P-1	12.00	16.00
A1001H-14P-1	13.00	17.00
A1001H-15P-1	14.00	18.00
A1001H-16P-1	15.00	19.00
A1001H-17P-1	16.00	20.00
A1001H-18P-1	17.00	21.00
A1001H-19P-1	18.00	22.00
A1001H-20P-1	19.00	23.00
A1001H-24P-1	23.00	27.00

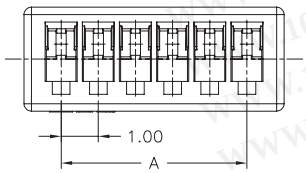
Unit:mm

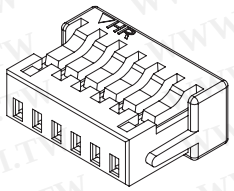
A1001H — 1.00mm pitch Single Row Housing - Without Protrusions

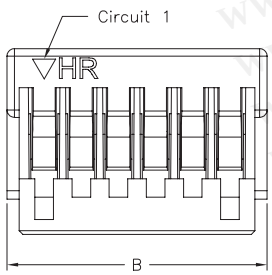
Reference Informations:

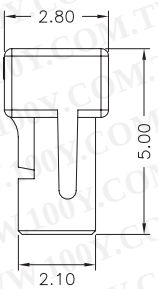
*Material: PBT,UL94V-0
*Suitable H.R A1001 series Terminal
*Mates with H.R A1001 series single row Wafer











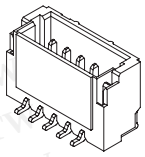
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001H-02P-2	1.00	3.00
A1001H-03P-2	2.00	4.00
A1001H-04P-2	3.00	5.00
A1001H-05P-2	4.00	6.00
A1001H-06P-2	5.00	7.00
A1001H-07P-2	6.00	8.00
A1001H-08P-2	7.00	9.00
A1001H-09P-2	8.00	10.00
A1001H-10P-2	9.00	11.00
A1001H-11P-2	10.00	12.00
A1001H-12P-2	11.00	13.00
A1001H-13P-2	12.00	14.00
A1001H-14P-2	13.00	15.00
A1001H-15P-2	14.00	16.00
A1001H-16P-2	15.00	17.00
A1001H-17P-2	16.00	18.00
A1001H-18P-2	17.00	19.00
A1001H-19P-2	18.00	20.00
A1001H-20P-2	19.00	21.00

Unit:mm

A1001WV-S

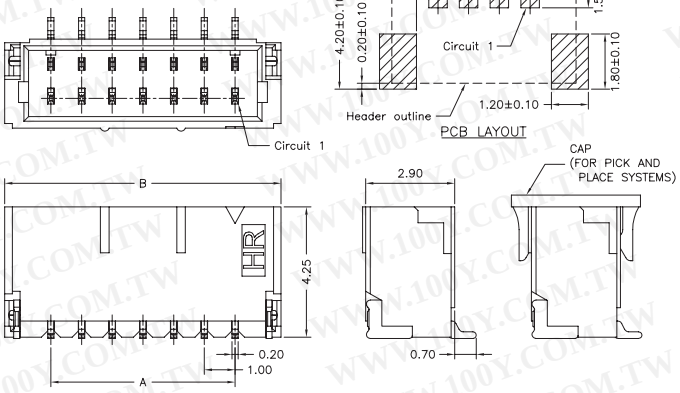
1.00mm pitch 180° Single Row Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1001 series single row Housing

A1001WV-S-20P N 6 B T1 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)



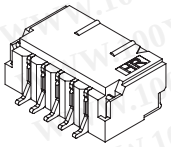
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001WV-S-02P	1.00	4.00
A1001WV-S-03P	2.00	5.00
A1001WV-S-04P	3.00	6.00
A1001WV-S-05P	4.00	7.00
A1001WV-S-06P	5.00	8.00
A1001WV-S-07P	6.00	9.00
A1001WV-S-08P	7.00	10.00
A1001WV-S-09P	8.00	11.00
A1001WV-S-10P	9.00	12.00
A1001WV-S-11P	10.00	13.00
A1001WV-S-12P	11.00	14.00
A1001WV-S-13P	12.00	15.00
A1001WV-S-14P	13.00	16.00
A1001WV-S-15P	14.00	17.00
A1001WV-S-16P	15.00	18.00
A1001WV-S-17P	16.00	19.00
A1001WV-S-18P	17.00	20.00
A1001WV-S-19P	18.00	21.00
A1001WV-S-20P	19.00	22.00
A1001WV-S-24P	23.00	26.00

Unit:mm

A1001WR-S

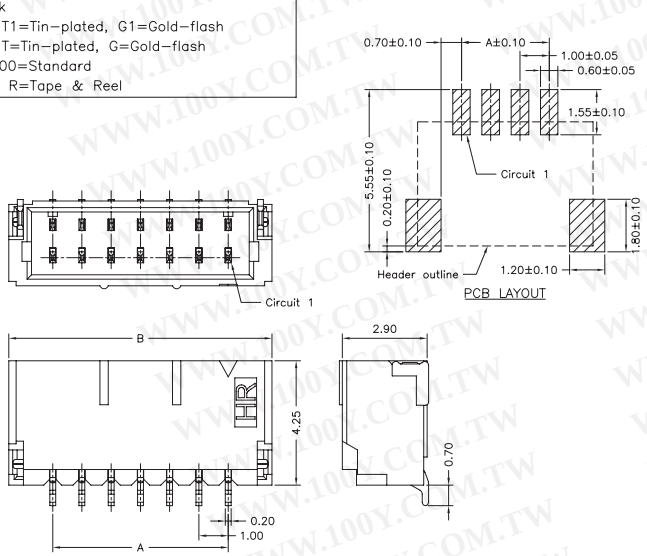
1.00mm pitch 90° Single Row Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1001 series single row Housing

A1001WR-S-20P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001WR-S-02P	1.00	4.00
A1001WR-S-03P	2.00	5.00
A1001WR-S-04P	3.00	6.00
A1001WR-S-05P	4.00	7.00
A1001WR-S-06P	5.00	8.00
A1001WR-S-07P	6.00	9.00
A1001WR-S-08P	7.00	10.00
A1001WR-S-09P	8.00	11.00
A1001WR-S-10P	9.00	12.00
A1001WR-S-11P	10.00	13.00
A1001WR-S-12P	11.00	14.00
A1001WR-S-13P	12.00	15.00
A1001WR-S-14P	13.00	16.00
A1001WR-S-15P	14.00	17.00
A1001WR-S-16P	15.00	18.00
A1001WR-S-17P	16.00	19.00
A1001WR-S-18P	17.00	20.00
A1001WR-S-19P	18.00	21.00
A1001WR-S-20P	19.00	22.00
A1001WR-S-24P	23.00	26.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

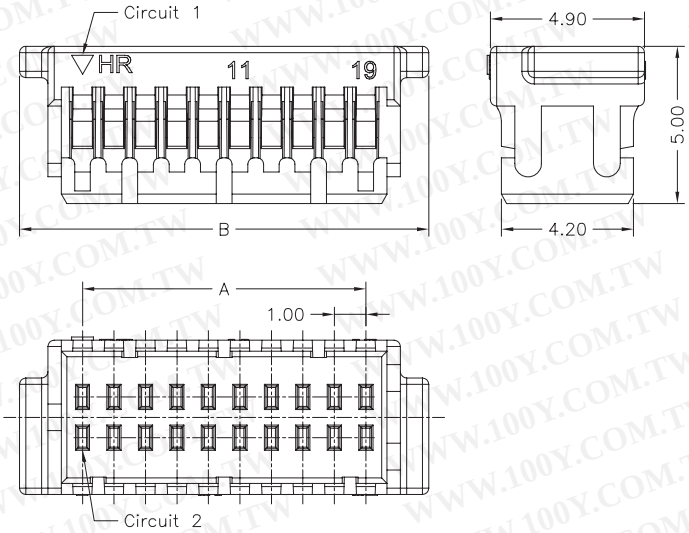
A1001H-2

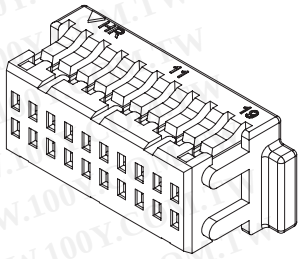
1.00mm pitch Dual Row Housing

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A1001 series Terminal
*Mates with H.R A1001 series dual row Wafer

A1001H-2X10P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001H-2X06P	5.00	9.00
A1001H-2X08P	7.00	11.00
A1001H-2X09P	8.00	12.00
A1001H-2X10P	9.00	13.00
A1001H-2X15P	14.00	18.00
A1001H-2X20P	19.00	23.00
A1001H-2X25P	24.00	28.00

Unit:mm

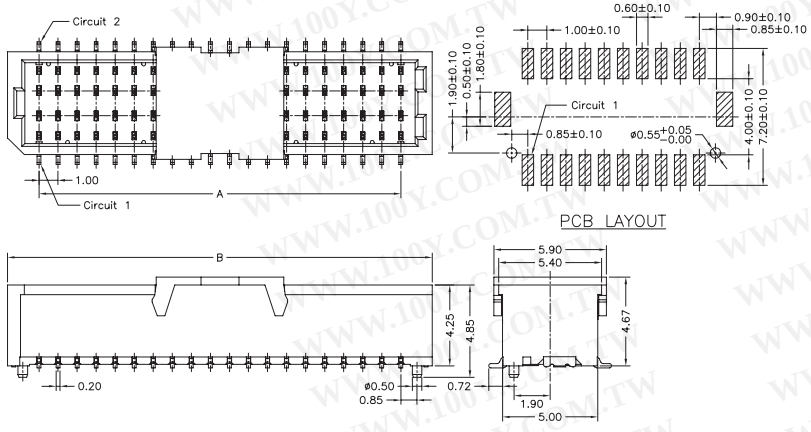
A1001WV-SF-2

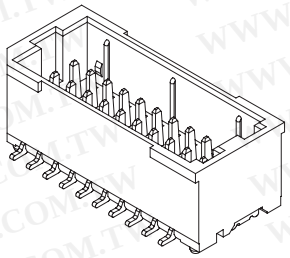
1.00mm pitch 180° Dual Row Wafer With Boss - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1001 series dual row Housing

A1001WV-SF-2X20P N 6 B G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash, T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001WV-SF-2X06PD01	5.00	8.30
A1001WV-SF-2X08PD01	7.00	10.30
A1001WV-SF-2X10PD01	9.00	12.30
A1001WV-SF-2X15PD01	14.00	17.30
A1001WV-SF-2X20PD01	19.00	22.30
A1001WV-SF-2X25PD01	24.00	27.30

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

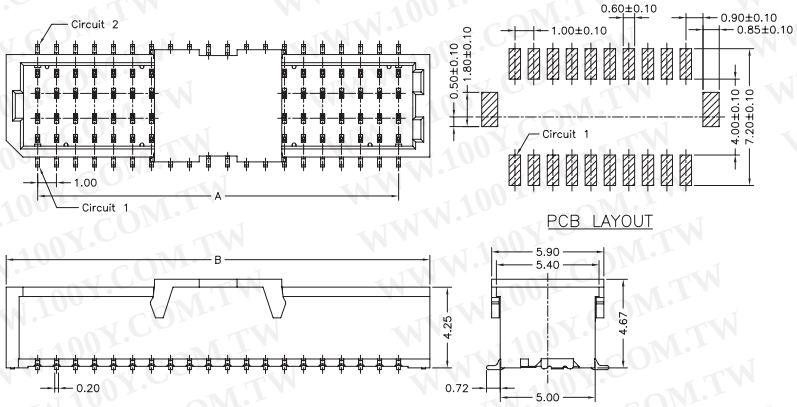
A1001WV-S-2

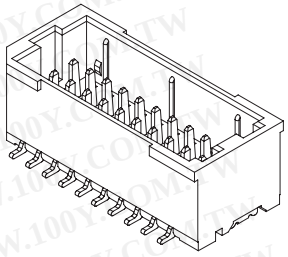
1.00mm pitch 180° Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1001 series dual row Housing

A1001WV-S-2X20P N 6 B G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash, T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001WV-S-2X06PD01	5.00	8.30
A1001WV-S-2X08PD01	7.00	10.30
A1001WV-S-2X10PD01	9.00	12.30
A1001WV-S-2X15PD01	14.00	17.30
A1001WV-S-2X20PD01	19.00	22.30
A1001WV-S-2X25PD01	24.00	27.30

Unit:mm

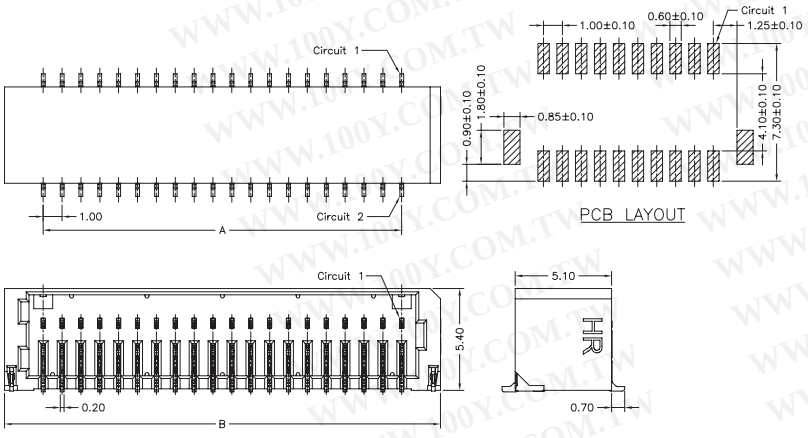
A1001WR-S-2

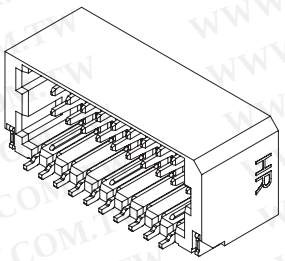
1.00mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1001 series dual row Housing

A1001WR-S-2X20P N 6 B G1 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash, T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1001WR-S-2X06PD01	5.00	9.10
A1001WR-S-2X08PD01	7.00	11.10
A1001WR-S-2X10PD01	9.00	13.10
A1001WR-S-2X15PD01	14.00	18.10
A1001WR-S-2X20PD01	19.00	23.10
A1001WR-S-2X25PD01	24.00	28.10

Unit:mm

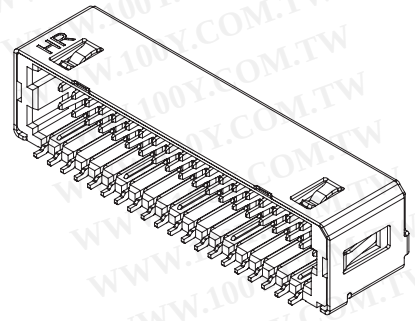
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

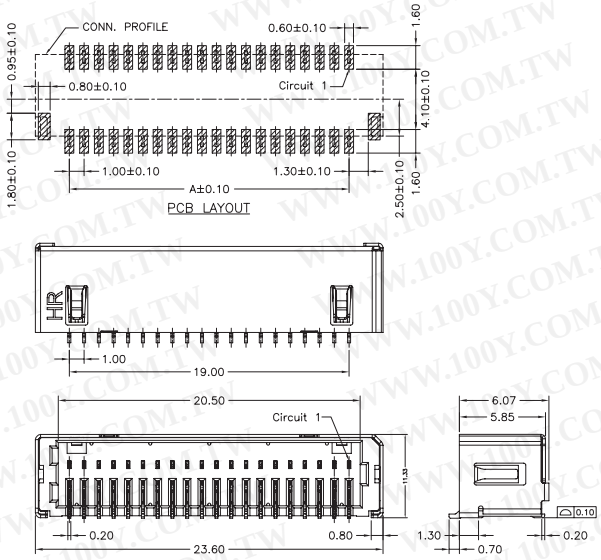
A1001WRA-S-2X20P

1.00mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

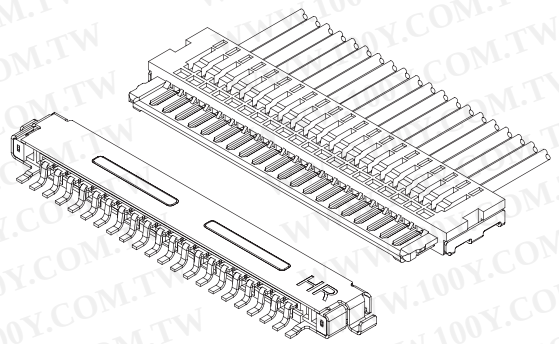
*Material: Pin: Phosphor Bronze/Gold-flash
Shell: Copper Alloy
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1001 series dual row Housing





A1001WRA-S-2X20P N 6 B G1 N 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



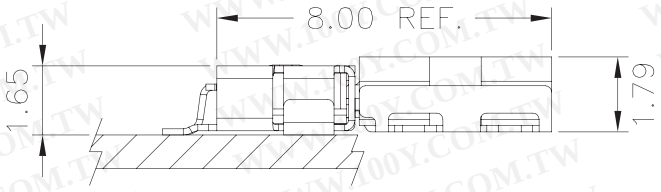
Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A1006 – G P E -A

❶ Series No.
❷ Plating code: G=Gold-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -A=A Type

❶ ❷ ❸
A1006 H – 30P

❶ Series No.
❷ H=Housing
❸ No. of circuits

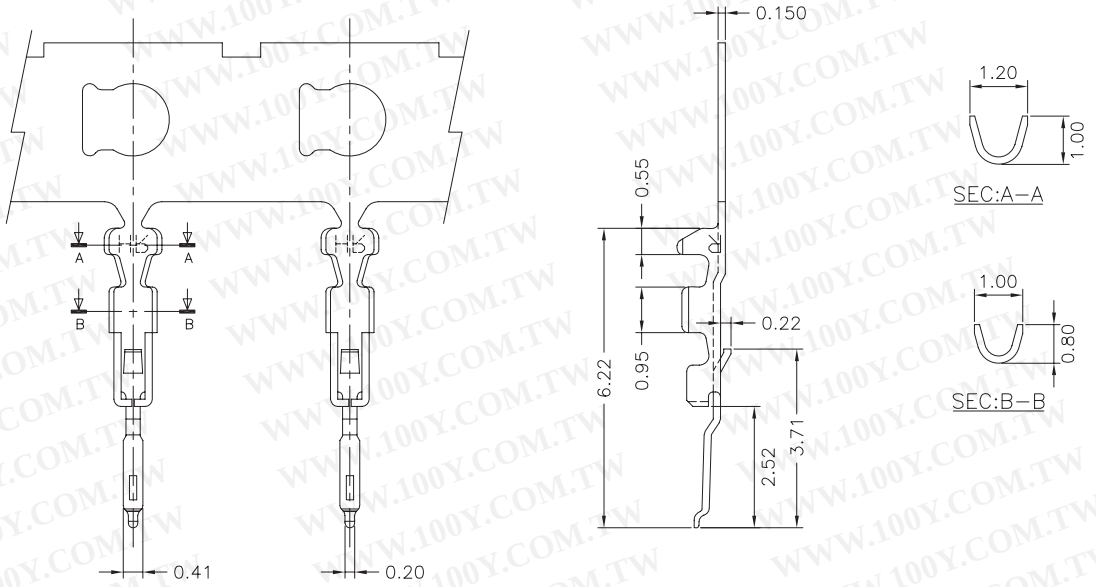
❶ ❷ ❸ ❹
A1006 WR – S – 30P

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

A1006-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1006 series Housing



Ordering Information & Specifications: Unit:mm

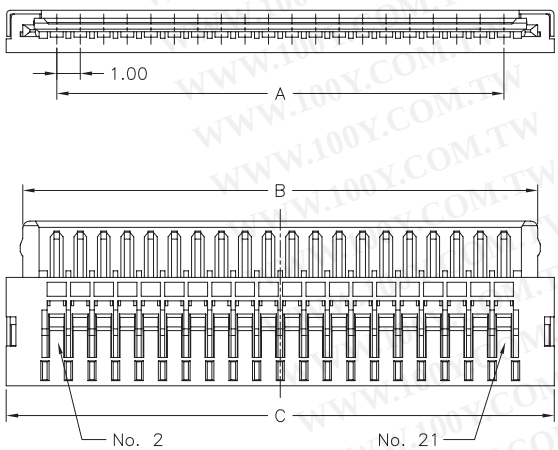
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1006-GPE-A	AWG#28-#36	0.50mm(max)	Phosphor Bronze	Gold-plated	20,000pcs

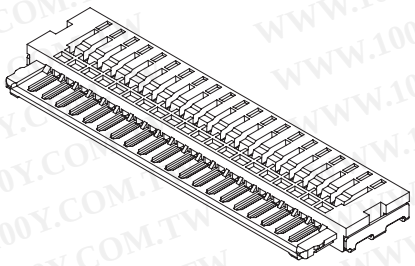
Note:E-Stamping before Gold-plated

A1006H 1.00mm pitch Housing

Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Shell: Phosphor Bronze/Nickel-plated
*Suitable H.R A1006 series Terminal
*Mates with H.R A1006 series Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1006H-20P	19.00	21.88	23.28
A1006H-30P	29.00	31.88	33.28

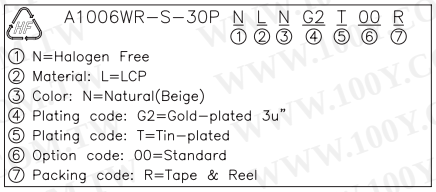
Unit:mm

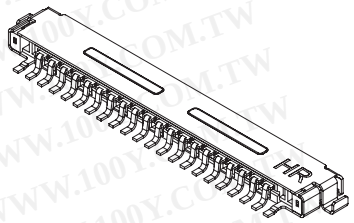
A1006WR-S

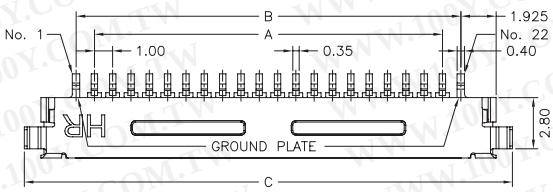
1.00mm pitch 90° Wafer - SMT TYPE

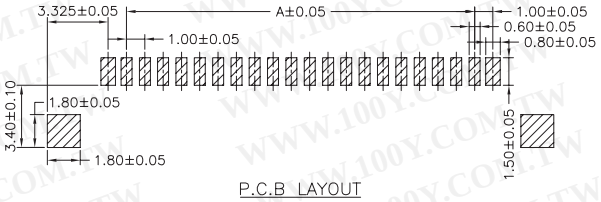
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A1006 series Housing

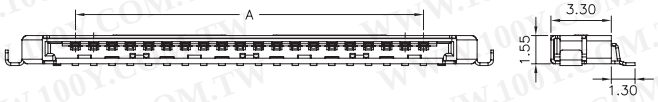








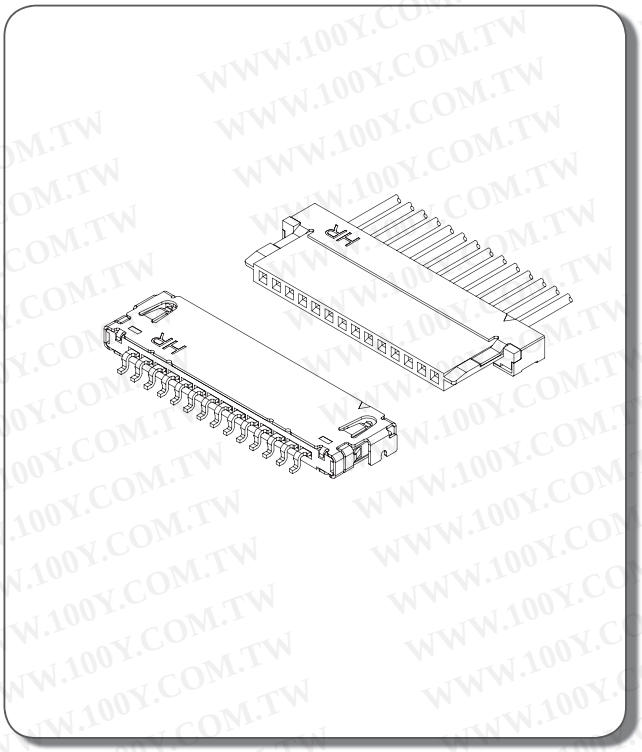
P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1006WR-S-20P	19.00	21.00	26.65
A1006WR-S-30P	29.00	31.00	36.65

Unit:mm



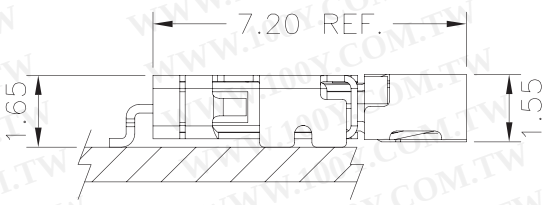
Specifications

Current rating: 1A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A1007 – G P E

❶ Series No.
❷ Plating code: G=Gold-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A1007 H – 08P

❶ Series No.
❷ H=Housing
❸ No. of circuits

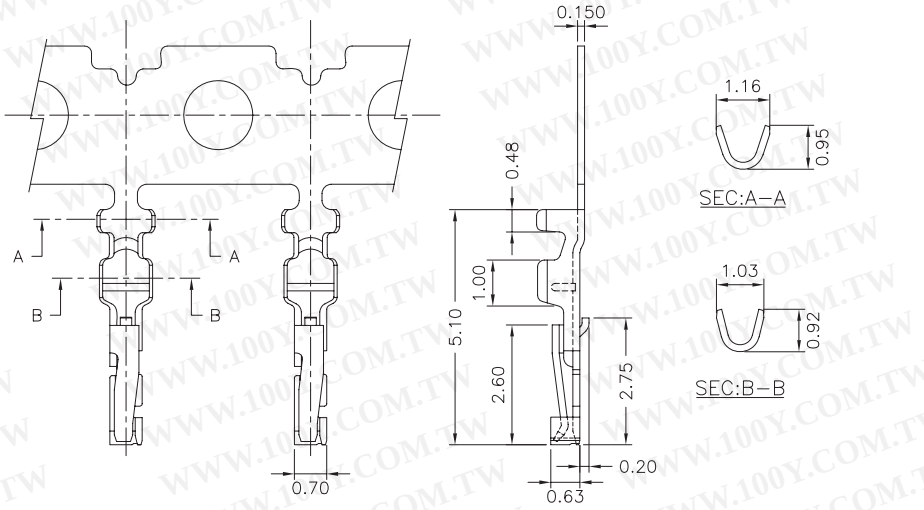
❶ ❷ ❸ ❹
A1007 WR – S – 08P

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

A1007-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1007 series Housing



Ordering Information & Specifications: Unit:mm

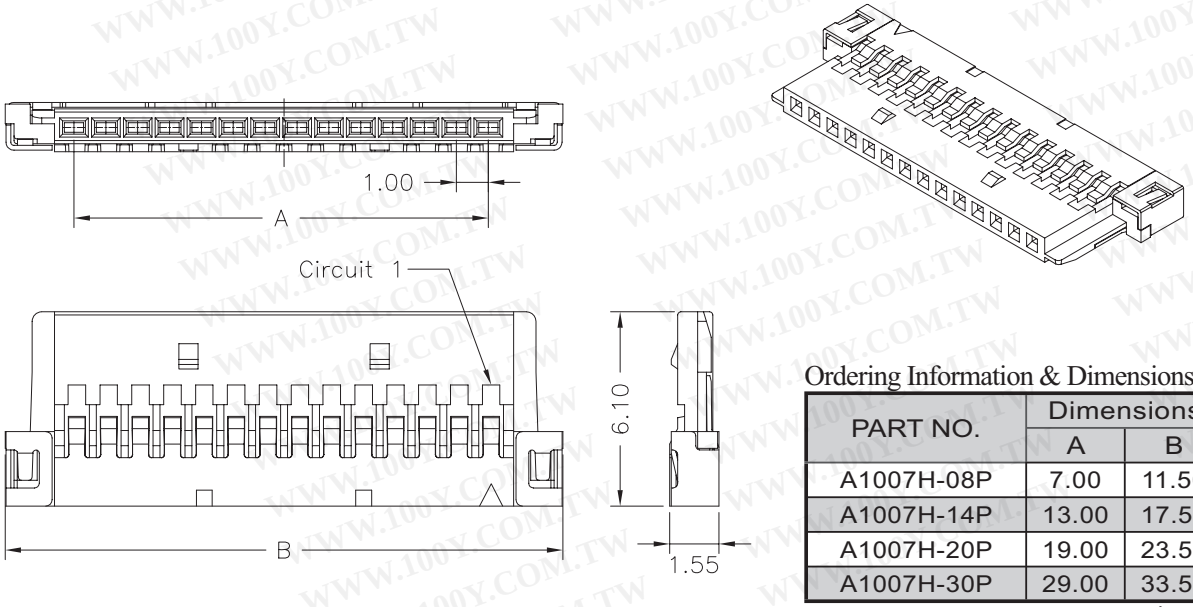
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1007-GPE	AWG#28-#32	0.60mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

Note:E-Stamping before Gold-plated

A1007H 1.00mm pitch Housing

Reference Informations:

*Material: Housing: Nylon 66,UL94V-0
Shell: Phosphor Bronze/Nickel-plated
*Suitable H.R A1007 series Terminal
*Mates with H.R A1007 series Wafer



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1007H-08P	7.00	11.50
A1007H-14P	13.00	17.50
A1007H-20P	19.00	23.50
A1007H-30P	29.00	33.50

Unit:mm

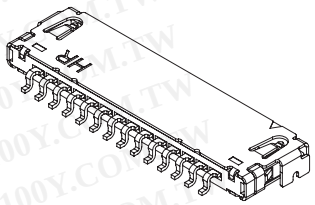
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

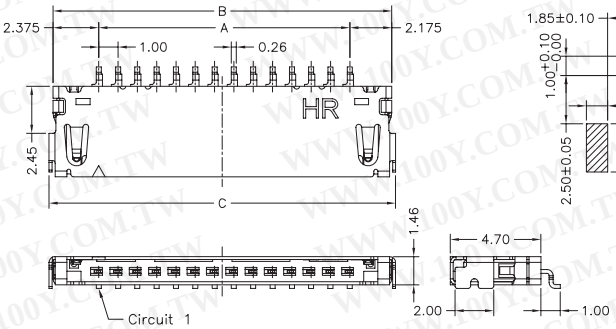
A1007WR-S

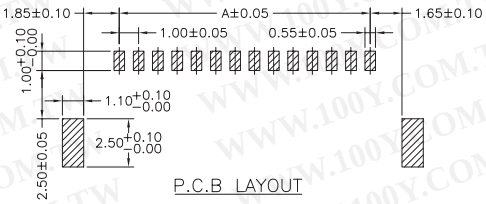
1.00mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1007 series Housing







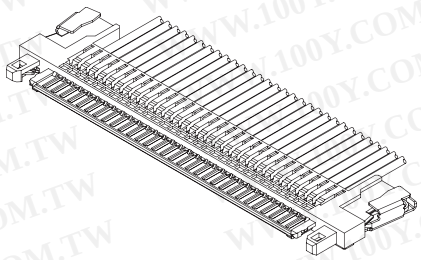
A1007WR-S-08P N 6 B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1007WR-S-08P	7.00	11.55	11.95
A1007WR-S-14P	13.00	17.55	17.95
A1007WR-S-20P	19.00	23.55	23.95
A1007WR-S-30P	29.00	33.55	33.95

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Ordering code

❶ ❷ ❸
A1008 H－30P

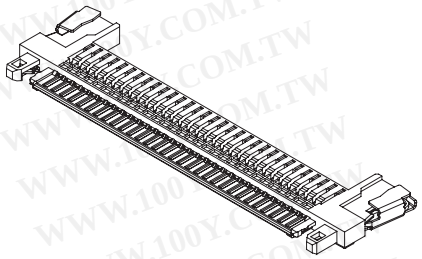
❶ Series No.
❷ H=Housing
❸ No. of circuits

A1008H-30P

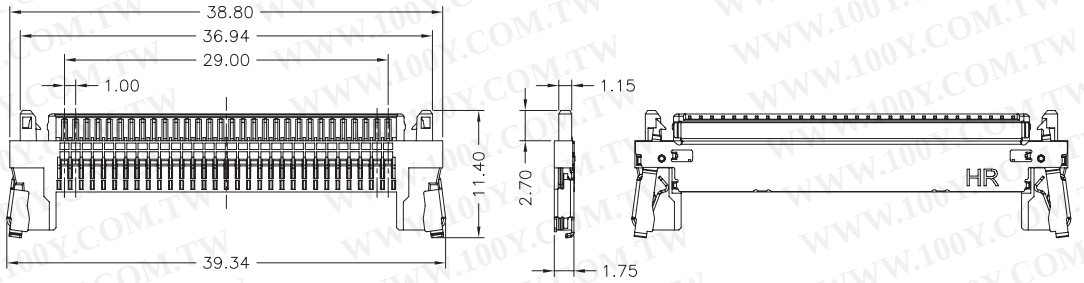
1.00mm pitch Housing

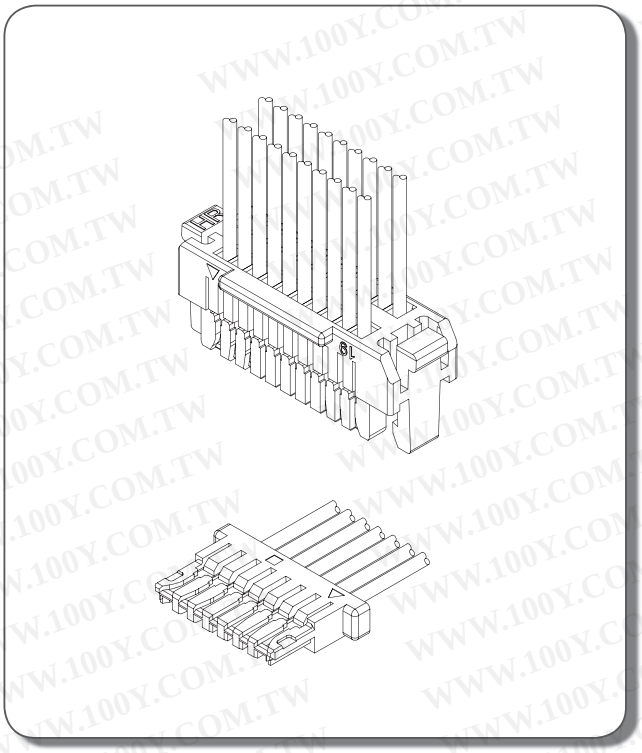
Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Shell: Stainless
Lock lever: Stainless
*Suitable H.R A1006 series Terminal









Specifications

Current rating: 1A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
A1009 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

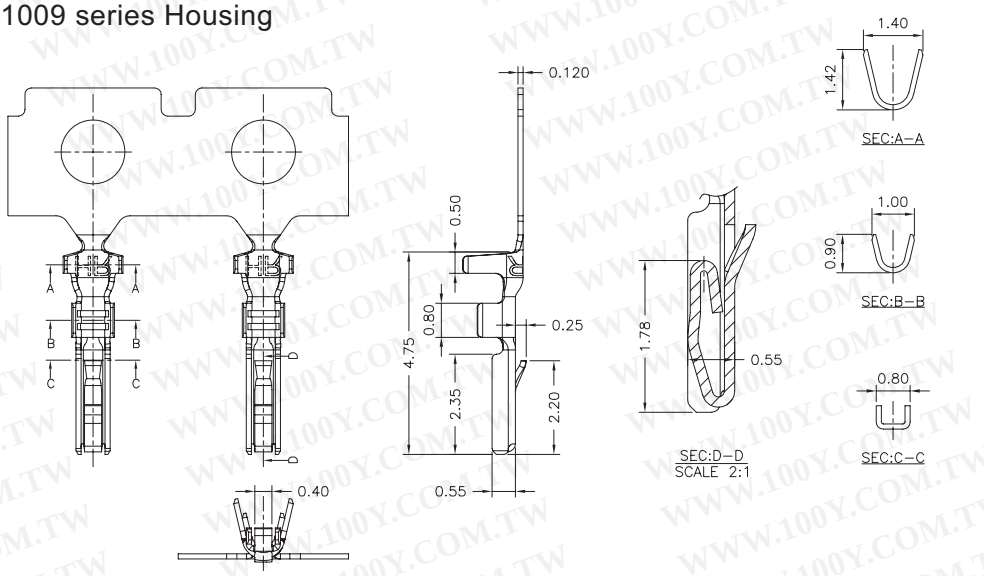
❶ ❷ ❸ ❹ ❺
A1009 H A – 2X 20P

❶ Series No.
❷ H=Housing
❸ Blank=Without lock structure type
A=With lock structure type
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits

A1009-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1009 series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1009-TPE	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
A1009-GPE	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

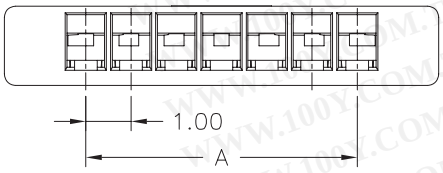
Note:E-Stamping before Tin-plated or Gold-flash

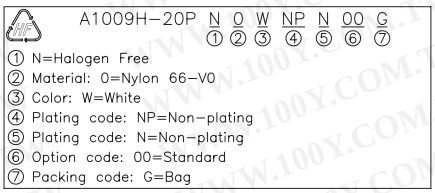
A1009H 1.00mm pitch Single Row Housing

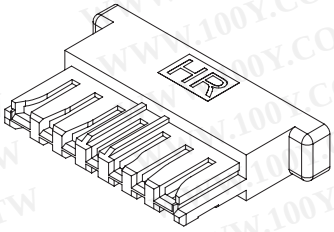
Reference Informations:

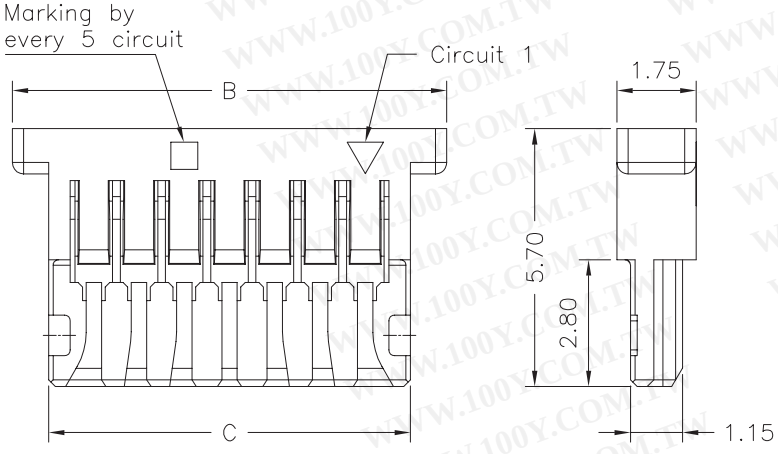
*Material: PBT,UL94V-0

*Suitable H.R A1009 series Terminal









Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1009H-02P	---	4.60	3.00
A1009H-06P	5.00	8.60	7.00
A1009H-07P	6.00	9.60	8.00
A1009H-14P	13.00	16.60	15.00
A1009H-16P	15.00	18.60	17.00
A1009H-20P	19.00	22.60	21.00
A1009H-22P	21.00	24.60	23.00
A1009H-26P	25.00	28.60	27.00
A1009H-30P	29.00	32.60	31.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

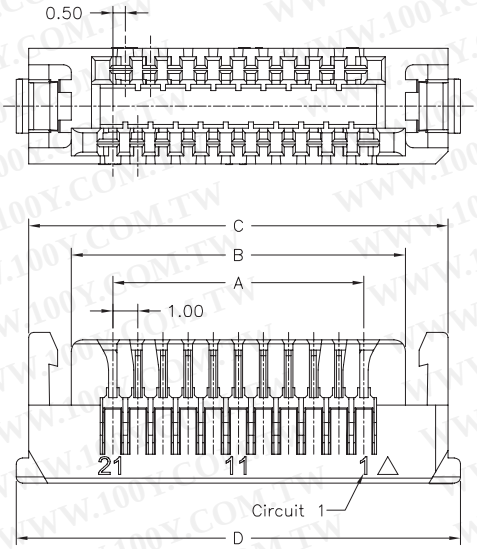
A1009HA

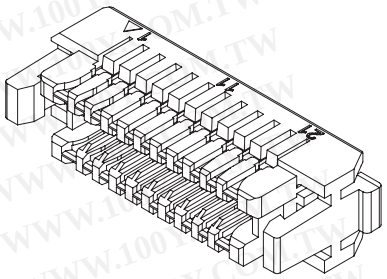
1.00mm pitch Housing With Lock

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A1009 series Terminal

A1009HA-21P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
A1009HA-21P	10.00	13.30	16.70	17.70
A1009HA-31P	15.00	18.30	21.70	22.70

Unit:mm

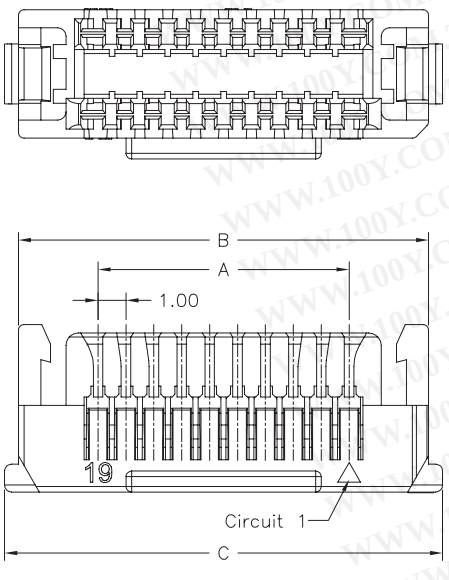
A1009HA-2

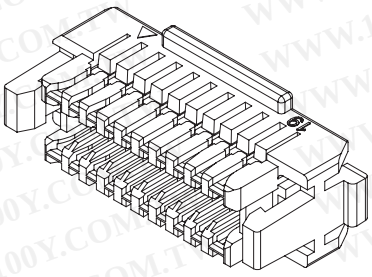
1.00mm pitch Dual Row Housing With Lock

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A1009 series Terminal

A1009HA-2X20P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

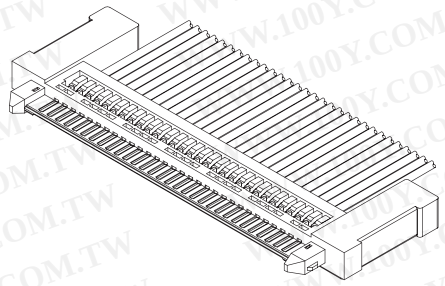




Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1009HA-2X10P	9.00	14.70	15.70
A1009HA-2X15P	14.00	19.70	20.70
A1009HA-2X20P	19.00	24.70	25.70
A1009HA-2X25P	24.00	29.70	30.70

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Ordering code

❶ ❷ ❸
A1011 H – 30P

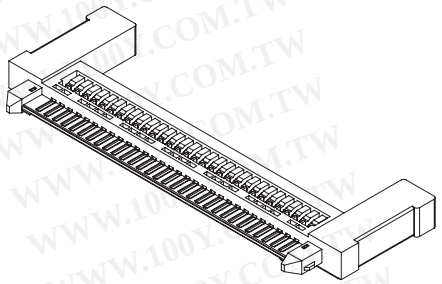
❶ Series No.
❷ H=Housing
❸ No. of circuits

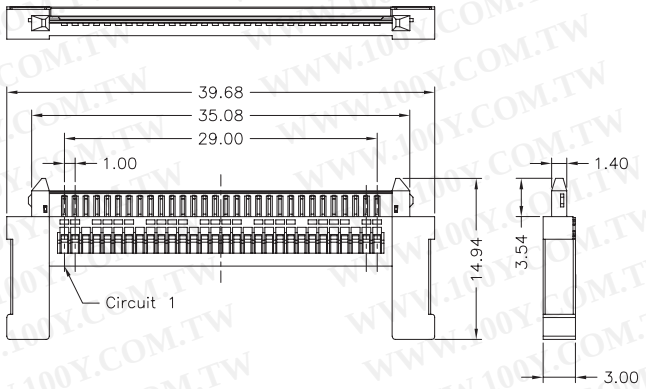
A1011H-30P

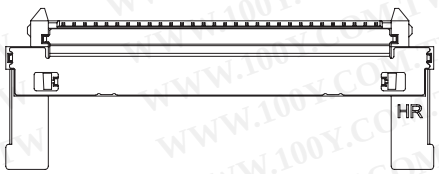
1.00mm pitch Housing

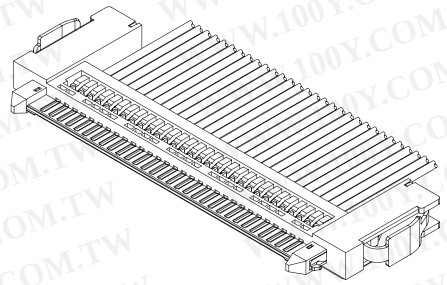
Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Shell: Stainless
*Suitable H.R A1006 series Terminal









Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Ordering code

❶ ❷ ❸
A1012 H − 30P

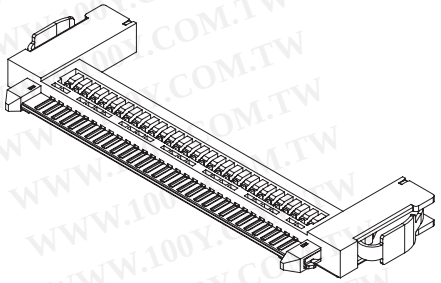
❶ Series No.
❷ H=Housing
❸ No. of circuits

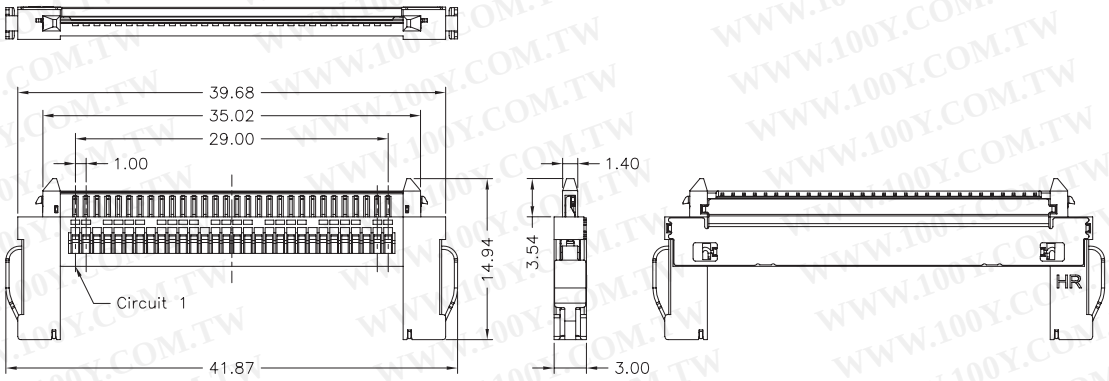
A1012H-30P

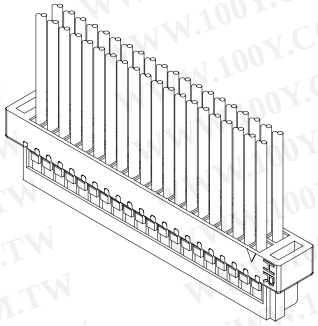
1.00mm pitch Housing

Reference Informations:

*Material: Housing: Nylon 46,UL94V-0
Shell: Stainless
Lock lever: Stainless
*Suitable H.R A1006 series Terminal







Specifications

Current rating: 1A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Ordering code

❶ ❷ ❸ ❹
A1013 – G P E

❶ Series No.
❷ Plating code: G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

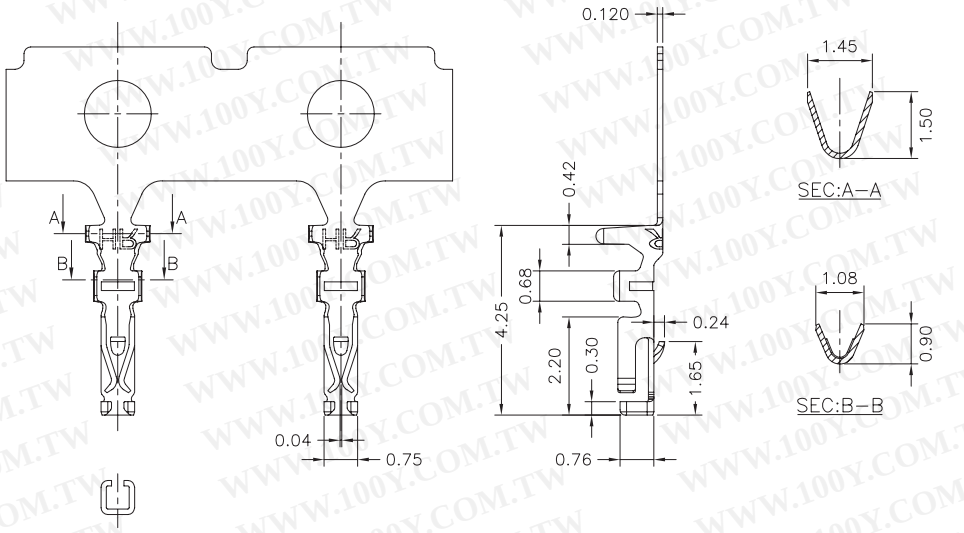
❶ ❷ ❸ ❹ ❺
A1013 H – 2X 20P -1

❶ Series No.
❷ H=Housing
❸ 2X=Dual row
❹ No. of circuits
❺ Option code:
-1=Type 1
-2=Type 2

A1013-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1013 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1013-GPE	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

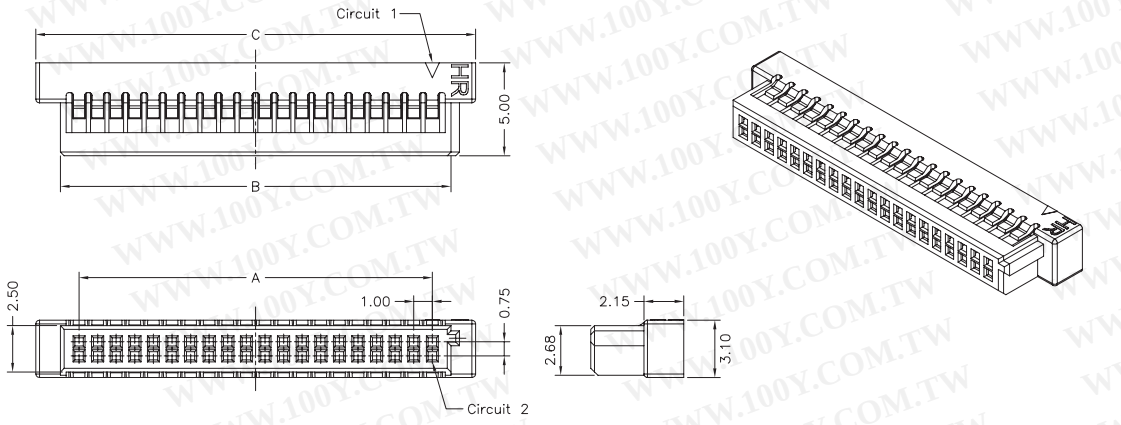
Note:E-Stamping before Gold-flash

A1013H-2 1.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 46,UL94V-0

*Suitable H.R A1013 series Terminal



Ordering Information & Dimensions:

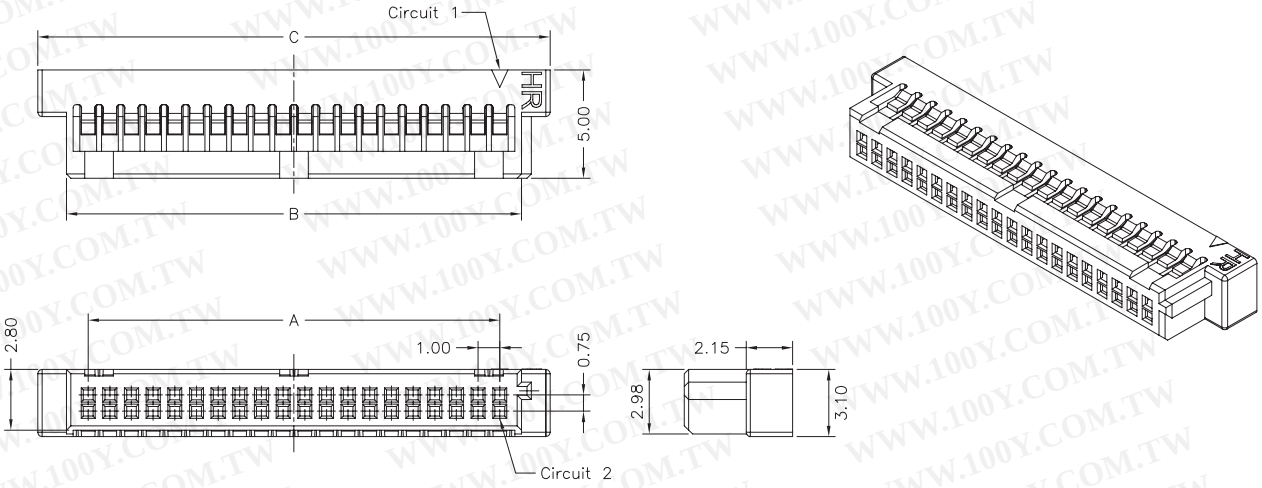
PART NO.	Dimensions		
	A	B	C
A1013H-2X15P	14.00	16.00	18.65
A1013H-2X20P	19.00	21.00	23.65

Unit:mm

A1013H-2 1.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 46,UL94V-0
*Suitable H.R A1013 series Terminal



Ordering Information & Dimensions:

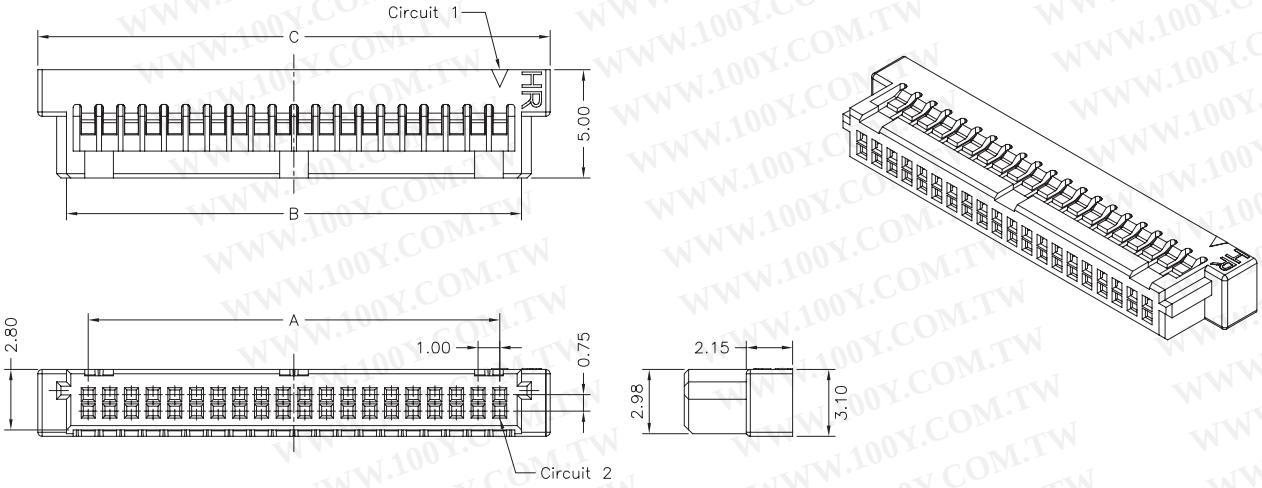
PART NO.	Dimensions		
	A	B	C
A1013H-2X20P-1	19.00	21.00	23.65

Unit:mm

A1013H-2 1.00mm pitch Dual Row Housing

Reference Informations:

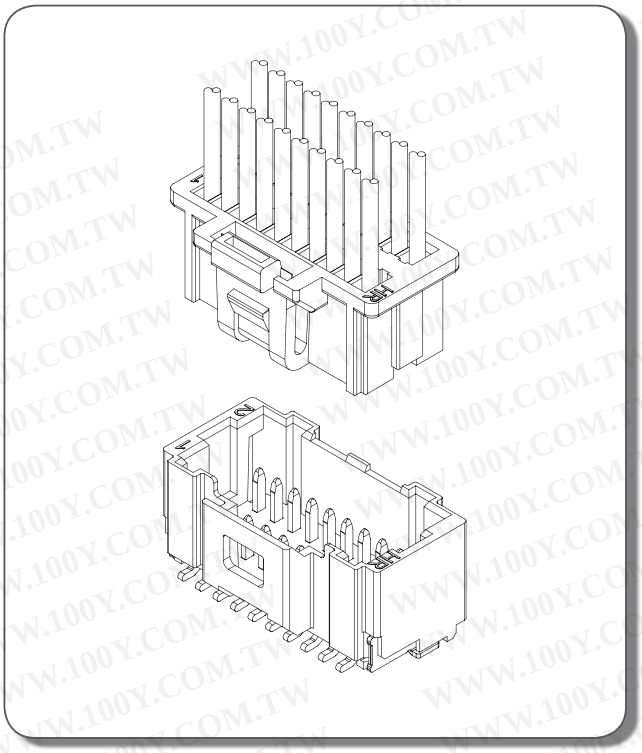
*Material: Nylon 46,UL94V-0
*Suitable H.R A1013 series Terminal



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1013H-2X20P-2	19.00	21.00	23.65

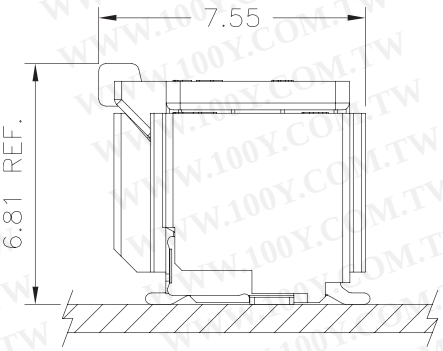
Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A1014 – G P E -A

❶ Series No.
❷ Plating code: G=Gold-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -A=A type

❶ ❷ ❸ ❹
A1014 H – 2X 15P

❶ Series No.
❷ H=Housing
❸ 2X=Dual row
❹ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻
A1014 WV A – S – 2X 15P

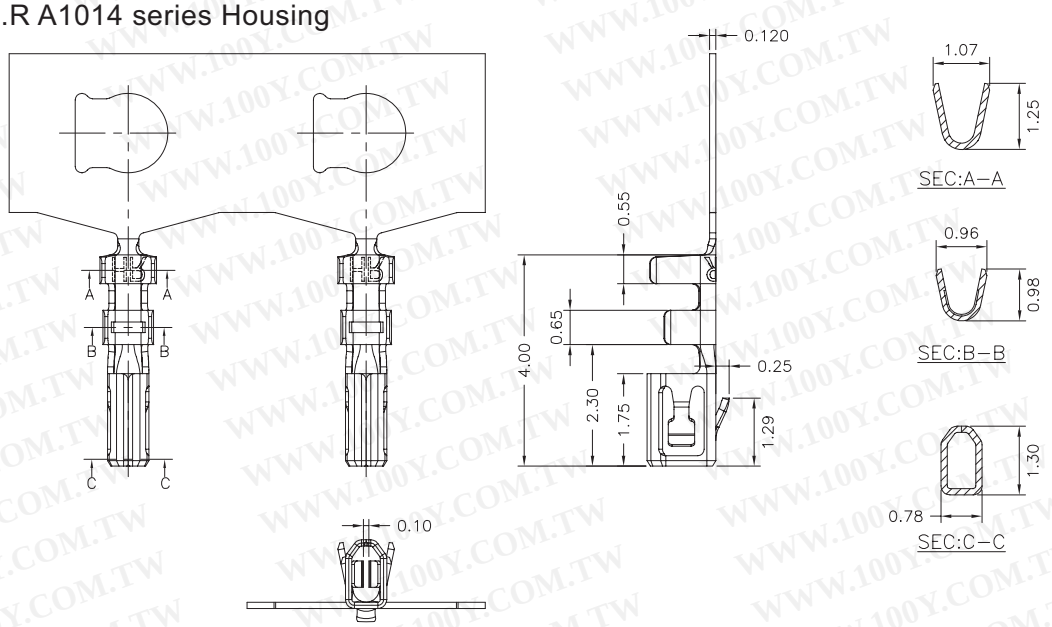
❶ Series No.
❷ Connector type: WV=Vertical
❸ Blank=Normal type, A=A type
❹ Mounting type: S=SMT
❺ 2X=Dual row
❻ No. of circuits

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1014-T 1.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1014 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1014-GPE-A	AWG#28-#32	0.80mm(max)	Phosphor Bronze	Gold-plated	15,000pcs

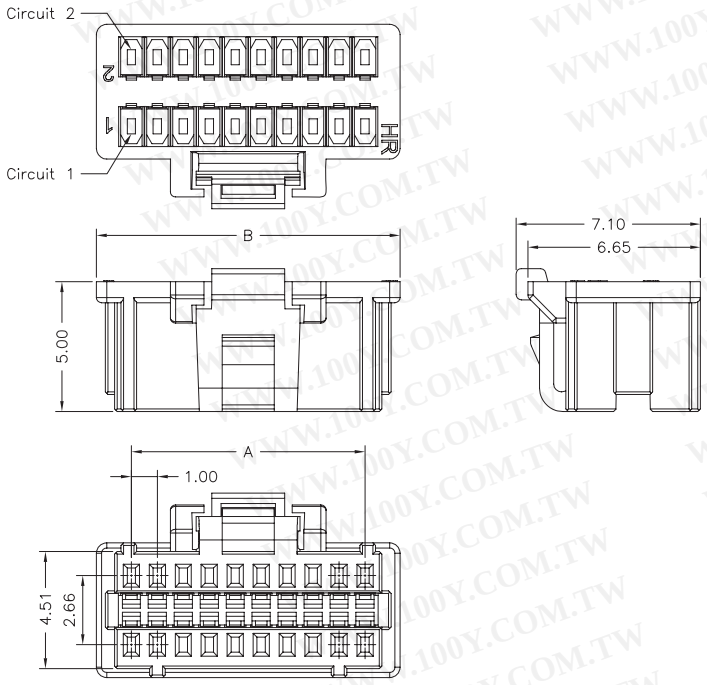
Note:E-Stamping before Gold-plated

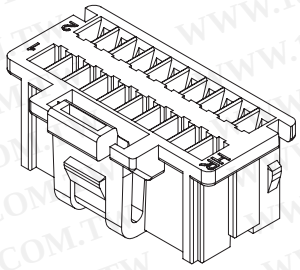
A1014H-2 1.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1014 series Terminal
*Mates with H.R A1014 series dual row Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1014H-2X10P	9.00	11.70
A1014H-2X15P	14.00	16.70
A1014H-2X16P	15.00	17.70
A1014H-2X20P	19.00	21.70
A1014H-2X25P	24.00	26.70

Unit:mm

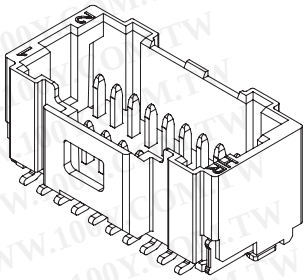
A1014WV-S-2

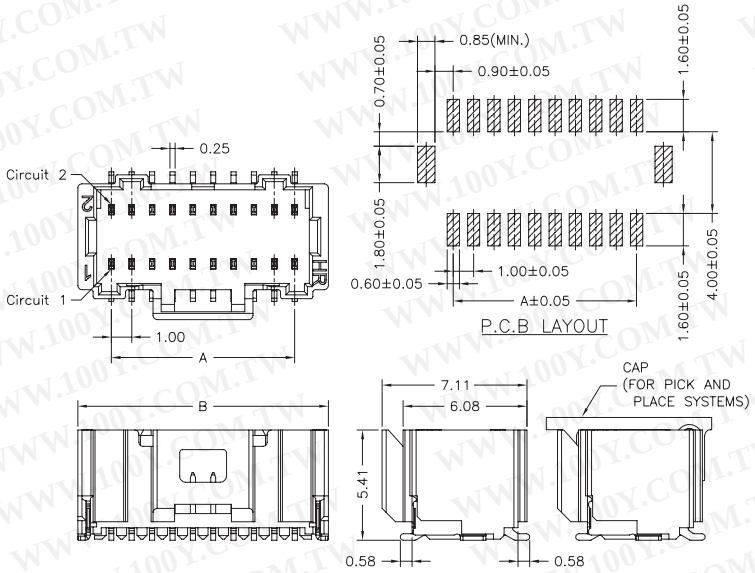
1.00mm pitch 180° Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1014 series dual row Housing

A1014WV-S-2X15P N 6 B G2 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1014WV-S-2X10P	9.00	12.30
A1014WV-S-2X15P	14.00	17.30
A1014WV-S-2X16P	15.00	18.30
A1014WV-S-2X20P	19.00	22.30
A1014WV-S-2X25P	24.00	27.30

Unit:mm

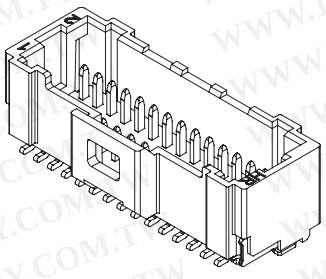
A1014WVA-S-2

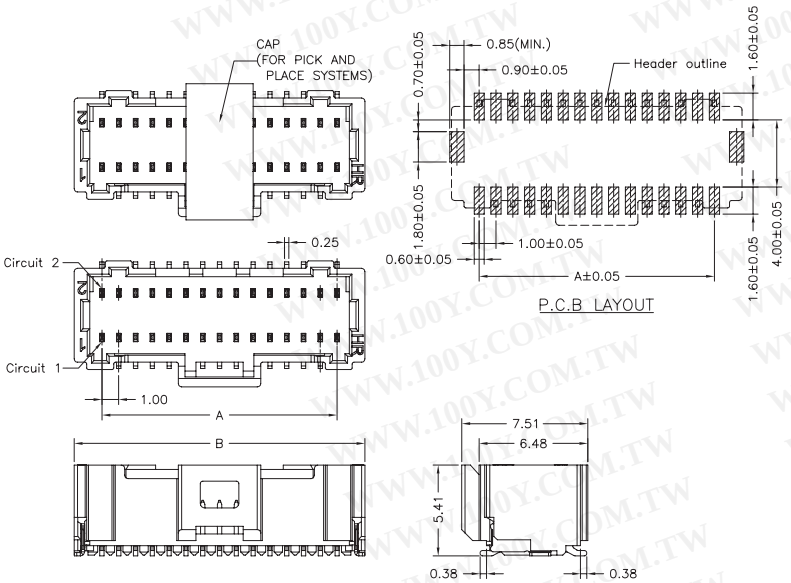
1.00mm pitch 180° Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1014 series dual row Housing

A1014WVA-S-2X15P N 6 B G2 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)

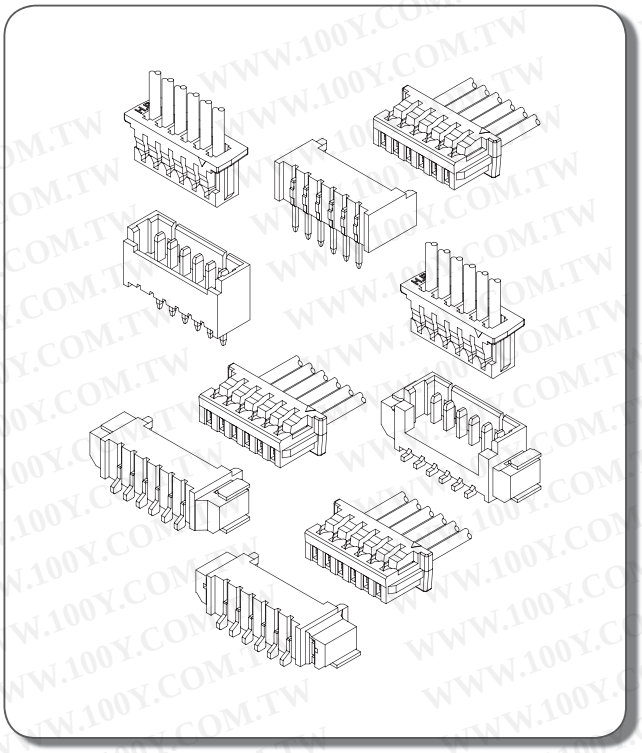




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1014WVA-S-2X10P	9.00	12.30
A1014WVA-S-2X15P	14.00	17.30
A1014WVA-S-2X16P	15.00	18.30
A1014WVA-S-2X20P	19.00	22.30
A1014WVA-S-2X25P	24.00	27.30

Unit:mm



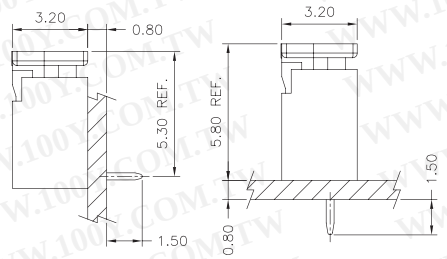
Specifications

Current rating: 1A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

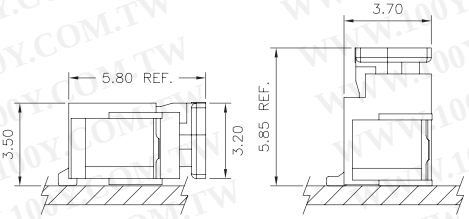
Standards

E179987 LR113464

Assembly layout



DIP TYPE



SMT TYPE

Ordering code

❶ ❷ ❸ ❹ ❺
A1250 – T P E -A

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -A=A Type

❶ ❷ ❸
A1250 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻
A1250 WR A -S – 05P D01

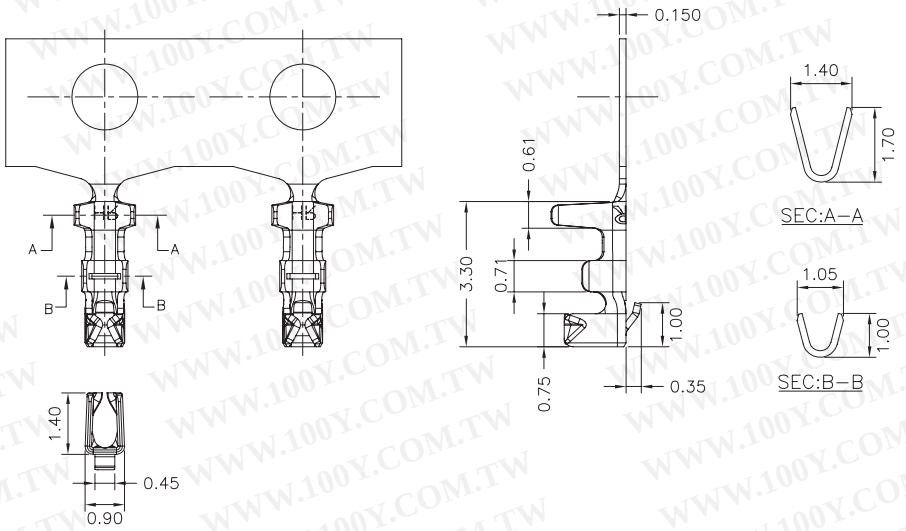
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=A type
❹ Mounting type: Blank=Through hole
-S=SMT
❺ No. of circuits
❻ Option code:
D01=Gold-flash, Taping reel(SMT type only)
C=Tin-plated, Taping reel with cap(SMT type only)
D20=Gold-flash, Taping reel with cap(SMT type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1250-T 1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1250 series Housing



Ordering Information & Specifications: Unit:mm

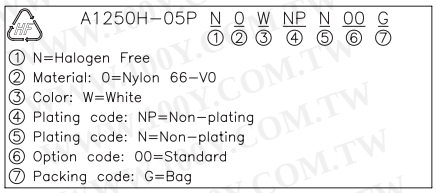
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1250-TPE-A	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
A1250-GPE-A	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

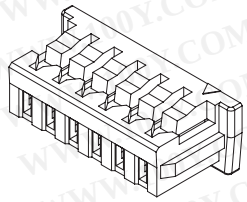
Note:E-Stamping before Tin-plated or Gold-flash

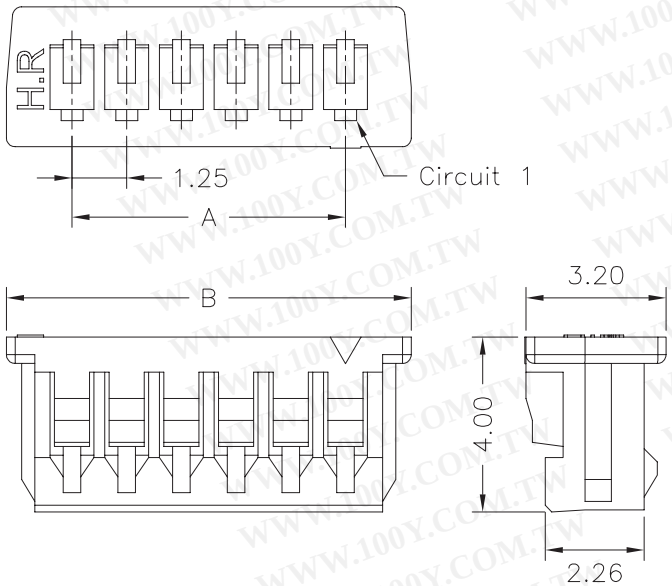
A1250H 1.25mm pitch Housing

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A1250 series Terminal
*Mates with H.R A1250 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1250H-02P	1.25	4.25
A1250H-03P	2.50	5.50
A1250H-04P	3.75	6.75
A1250H-05P	5.00	8.00
A1250H-06P	6.25	9.25
A1250H-07P	7.50	10.50
A1250H-08P	8.75	11.75
A1250H-09P	10.00	13.00
A1250H-10P	11.25	14.25
A1250H-11P	12.50	15.50
A1250H-12P	13.75	16.75
A1250H-13P	15.00	18.00
A1250H-14P	16.25	19.25
A1250H-15P	17.50	20.50
A1250H-16P	18.75	21.75
A1250H-17P	20.00	23.00
A1250H-18P	21.25	24.25

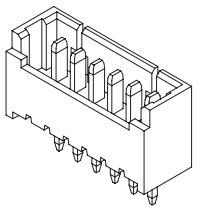
Unit:mm

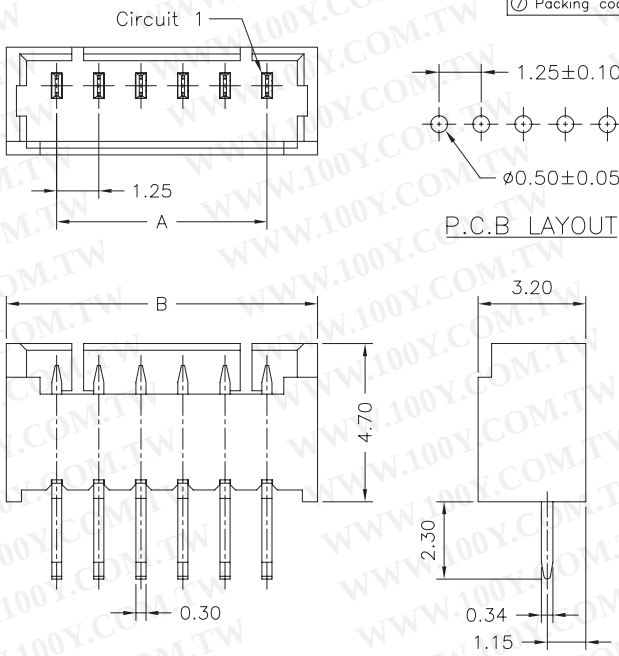
A1250WV 1.25mm pitch 180˚ Wafer

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1250 series Housing

A1250WV-05P N 6 B T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1250WV-02P	1.25	4.25
A1250WV-03P	2.50	5.50
A1250WV-04P	3.75	6.75
A1250WV-05P	5.00	8.00
A1250WV-06P	6.25	9.25
A1250WV-07P	7.50	10.50
A1250WV-08P	8.75	11.75
A1250WV-09P	10.00	13.00
A1250WV-10P	11.25	14.25
A1250WV-11P	12.50	15.50
A1250WV-12P	13.75	16.75
A1250WV-13P	15.00	18.00
A1250WV-14P	16.25	19.25
A1250WV-15P	17.50	20.50
A1250WV-16P	18.75	21.75
A1250WV-17P	20.00	23.00
A1250WV-18P	21.25	24.25

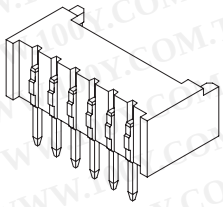
Unit:mm

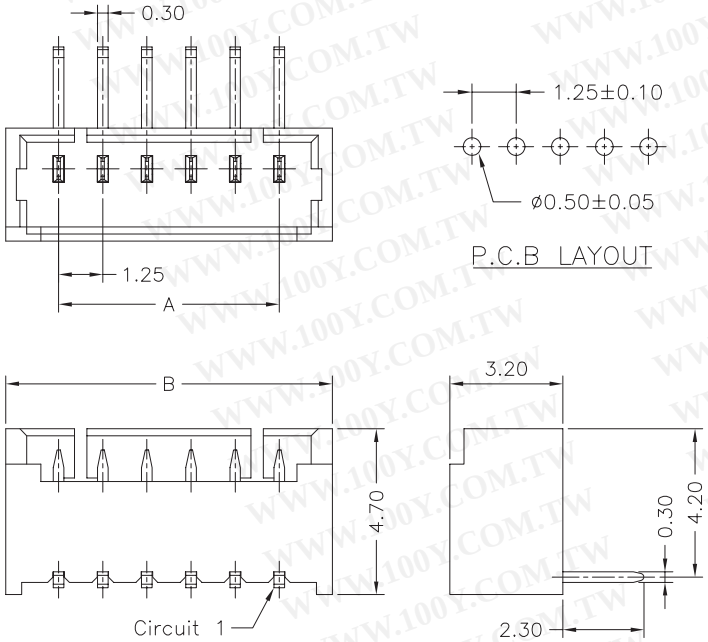
A1250WR 1.25mm pitch 90˚ Wafer

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1250 series Housing

A1250WR-05P N 6 B T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

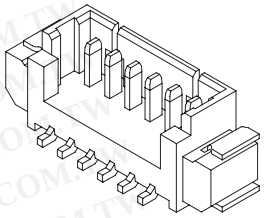
PART NO.	Dimensions	
	A	B
A1250WR-02P	1.25	4.25
A1250WR-03P	2.50	5.50
A1250WR-04P	3.75	6.75
A1250WR-05P	5.00	8.00
A1250WR-06P	6.25	9.25
A1250WR-07P	7.50	10.50
A1250WR-08P	8.75	11.75
A1250WR-09P	10.00	13.00
A1250WR-10P	11.25	14.25
A1250WR-11P	12.50	15.50
A1250WR-12P	13.75	16.75
A1250WR-13P	15.00	18.00
A1250WR-14P	16.25	19.25
A1250WR-15P	17.50	20.50
A1250WR-16P	18.75	21.75
A1250WR-17P	20.00	23.00
A1250WR-18P	21.25	24.25

Unit:mm

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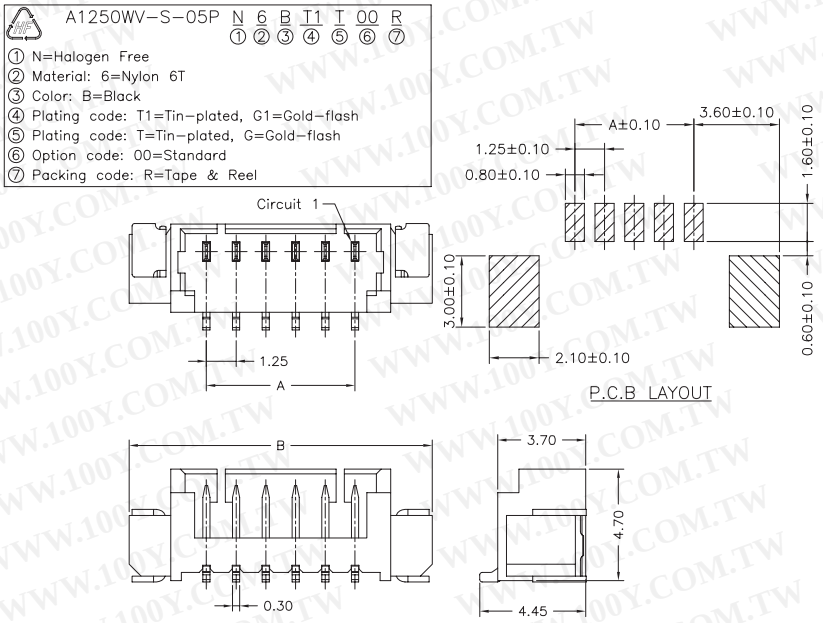
A1250WV-S

1.25mm pitch 180° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1250 series Housing



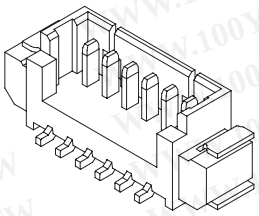
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1250WV-S-02P	1.25	7.75
A1250WV-S-03P	2.50	9.00
A1250WV-S-04P	3.75	10.25
A1250WV-S-05P	5.00	11.50
A1250WV-S-06P	6.25	12.75
A1250WV-S-07P	7.50	14.00
A1250WV-S-08P	8.75	15.25
A1250WV-S-09P	10.00	16.50
A1250WV-S-10P	11.25	17.75
A1250WV-S-11P	12.50	19.00
A1250WV-S-12P	13.75	20.25
A1250WV-S-13P	15.00	21.50
A1250WV-S-14P	16.25	22.75
A1250WV-S-15P	17.50	24.00
A1250WV-S-16P	18.75	25.25
A1250WV-S-17P	20.00	26.50
A1250WV-S-18P	21.25	27.75

Unit:mm

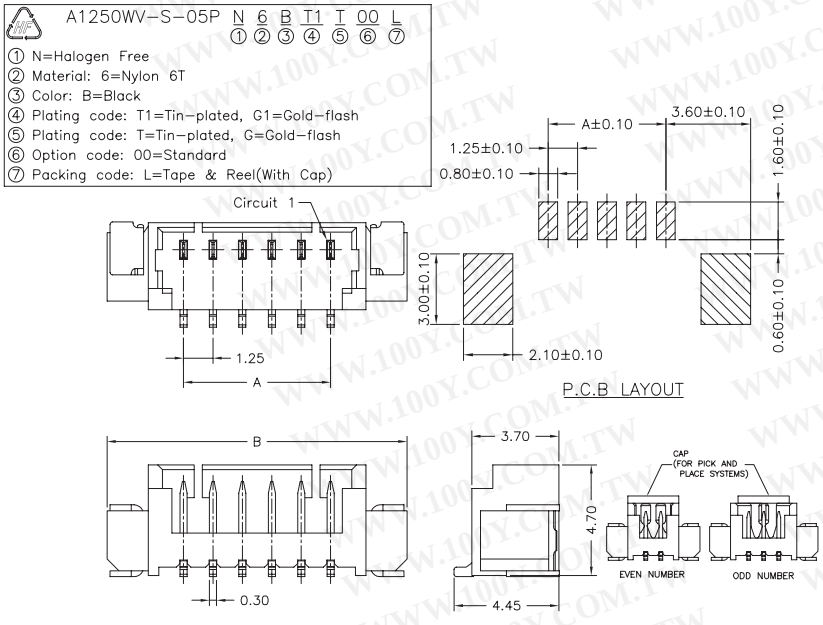
A1250WV-S

1.25mm pitch 180° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1250 series Housing



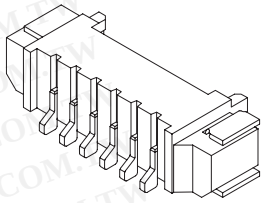
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1250WV-S-02PC	1.25	7.75
A1250WV-S-03PC	2.50	9.00
A1250WV-S-04PC	3.75	10.25
A1250WV-S-05PC	5.00	11.50
A1250WV-S-06PC	6.25	12.75
A1250WV-S-07PC	7.50	14.00
A1250WV-S-08PC	8.75	15.25
A1250WV-S-09PC	10.00	16.50
A1250WV-S-10PC	11.25	17.75
A1250WV-S-11PC	12.50	19.00
A1250WV-S-12PC	13.75	20.25
A1250WV-S-13PC	15.00	21.50
A1250WV-S-14PC	16.25	22.75
A1250WV-S-15PC	17.50	24.00
A1250WV-S-16PC	18.75	25.25
A1250WV-S-17PC	20.00	26.50
A1250WV-S-18PC	21.25	27.75

Unit:mm

A1250WR-S

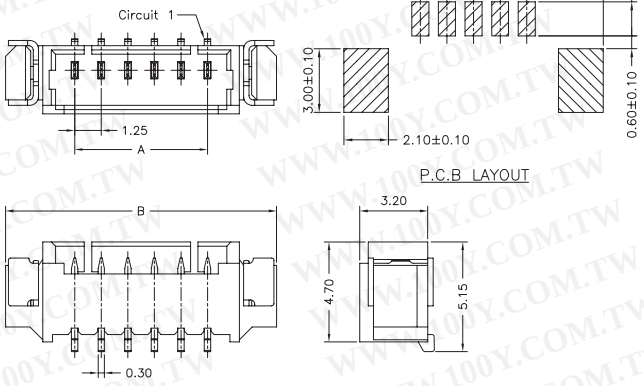
1.25mm pitch 90° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1250 series Housing

A1250WR-S-05P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



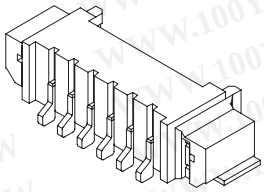
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1250WR-S-02P	1.25	7.75
A1250WR-S-03P	2.50	9.00
A1250WR-S-04P	3.75	10.25
A1250WR-S-05P	5.00	11.50
A1250WR-S-06P	6.25	12.75
A1250WR-S-07P	7.50	14.00
A1250WR-S-08P	8.75	15.25
A1250WR-S-09P	10.00	16.50
A1250WR-S-10P	11.25	17.75
A1250WR-S-11P	12.50	19.00
A1250WR-S-12P	13.75	20.25
A1250WR-S-13P	15.00	21.50
A1250WR-S-14P	16.25	22.75
A1250WR-S-15P	17.50	24.00
A1250WR-S-16P	18.75	25.25
A1250WR-S-17P	20.00	26.50
A1250WR-S-18P	21.25	27.75

Unit:mm

A1250WRA-S

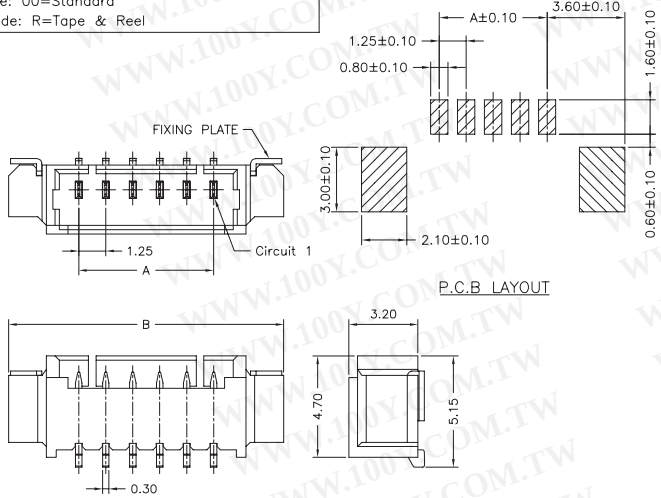
1.25mm pitch 90° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1250 series Housing

A1250WRA-S-05P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

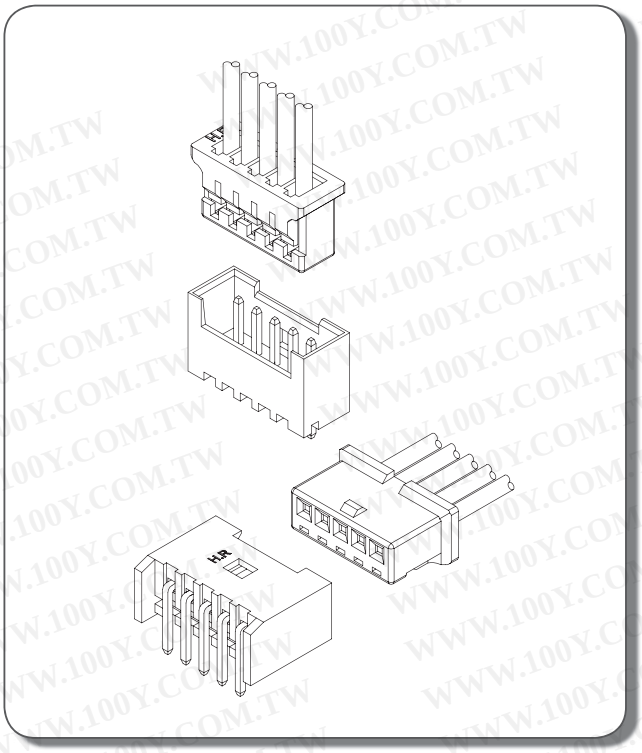


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1250WRA-S-02P	1.25	7.75
A1250WRA-S-03P	2.50	9.00
A1250WRA-S-04P	3.75	10.25
A1250WRA-S-05P	5.00	11.50
A1250WRA-S-06P	6.25	12.75
A1250WRA-S-07P	7.50	14.00
A1250WRA-S-08P	8.75	15.25
A1250WRA-S-09P	10.00	16.50
A1250WRA-S-10P	11.25	17.75
A1250WRA-S-11P	12.50	19.00
A1250WRA-S-12P	13.75	20.25
A1250WRA-S-13P	15.00	21.50
A1250WRA-S-14P	16.25	22.75
A1250WRA-S-15P	17.50	24.00
A1250WRA-S-16P	18.75	25.25
A1250WRA-S-17P	20.00	26.50
A1250WRA-S-18P	21.25	27.75

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



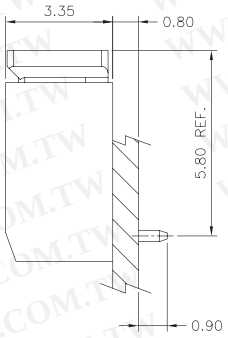
Specifications

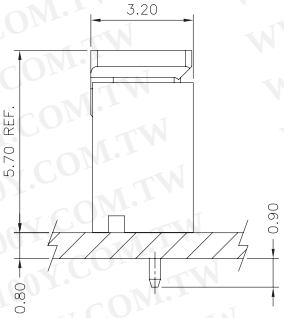
Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout





Ordering code

❶ ❷ ❸ ❹
A1251 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A1251 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

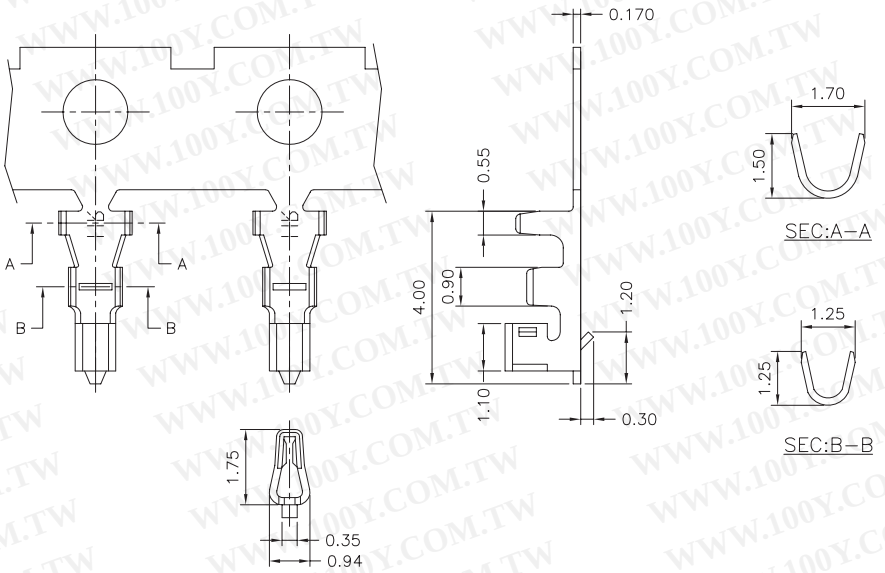
❶ ❷ ❸
A1251 WV – 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

A1251-T 1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1251 series Housing



Ordering Information & Specifications: Unit:mm

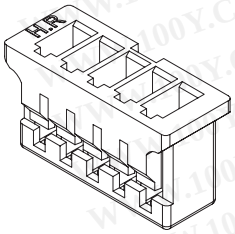
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1251-TPE	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

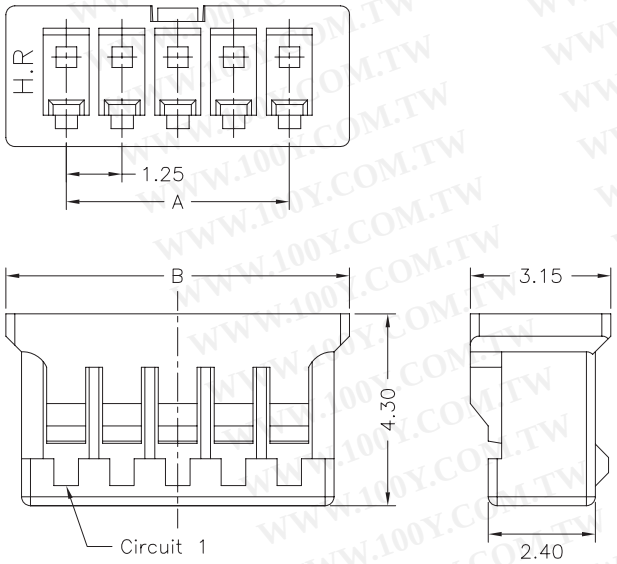
Note:E-Stamping before Tin-plated

A1251H 1.25mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1251 series Terminal
*Mates with H.R A1251 series Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251H-02P	1.25	3.95
A1251H-03P	2.50	5.20
A1251H-04P	3.75	6.45
A1251H-05P	5.00	7.70
A1251H-06P	6.25	8.95
A1251H-07P	7.50	10.20
A1251H-08P	8.75	11.45
A1251H-09P	10.00	12.70
A1251H-10P	11.25	13.95
A1251H-11P	12.50	15.20
A1251H-12P	13.75	16.45
A1251H-13P	15.00	17.70
A1251H-14P	16.25	18.95
A1251H-15P	17.50	20.20

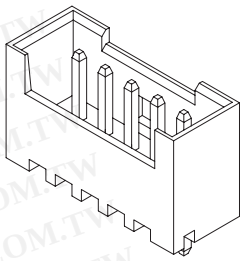
Unit:mm

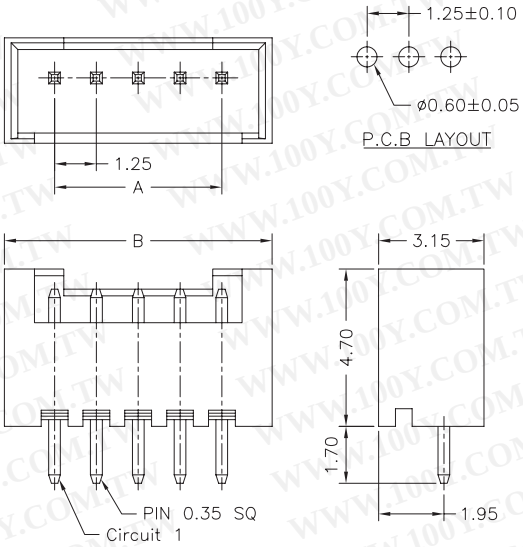
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1251WV — 1.25mm pitch 180˚ Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1251 series Housing





Ordering Information & Dimensions:

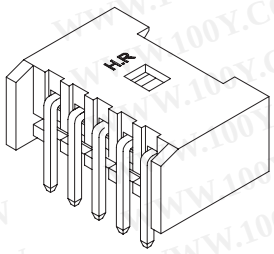
PART NO.	Dimensions	
	A	B
A1251WV-02P	1.25	4.25
A1251WV-03P	2.50	5.50
A1251WV-04P	3.75	6.75
A1251WV-05P	5.00	8.00
A1251WV-06P	6.25	9.25
A1251WV-07P	7.50	10.50
A1251WV-08P	8.75	11.75
A1251WV-09P	10.00	13.00
A1251WV-10P	11.25	14.25
A1251WV-11P	12.50	15.50
A1251WV-12P	13.75	16.75
A1251WV-13P	15.00	18.00
A1251WV-14P	16.25	19.25
A1251WV-15P	17.50	20.50

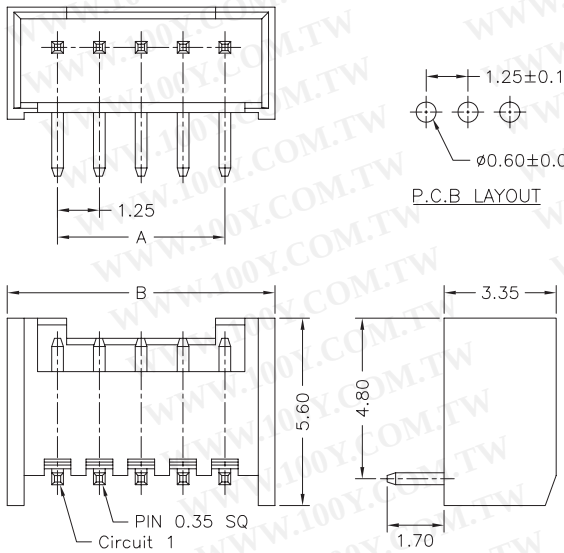
Unit:mm

A1251WR — 1.25mm pitch 90˚ Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1251 series Housing



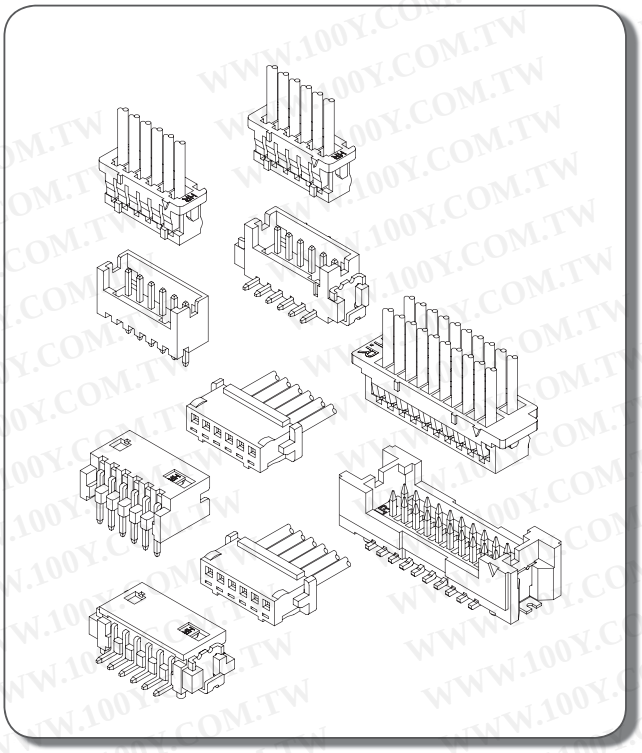


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251WR-02P	1.25	4.25
A1251WR-03P	2.50	5.50
A1251WR-04P	3.75	6.75
A1251WR-05P	5.00	8.00
A1251WR-06P	6.25	9.25
A1251WR-07P	7.50	10.50
A1251WR-08P	8.75	11.75
A1251WR-09P	10.00	13.00
A1251WR-10P	11.25	14.25
A1251WR-11P	12.50	15.50
A1251WR-12P	13.75	16.75
A1251WR-13P	15.00	18.00
A1251WR-14P	16.25	19.25
A1251WR-15P	17.50	20.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



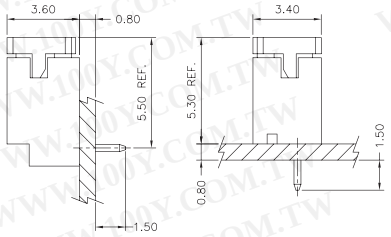
Specifications

Current rating: 1A AC,DC
Voltage rating: 150V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

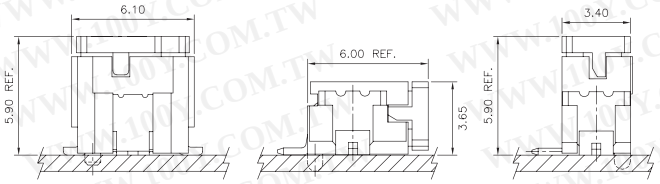
Standards

E179987 LR113464

Assembly layout



DIP TYPE



SMT TYPE

Ordering code

❶ ❷ ❸ ❹ ❺
A1252 – T P E -A

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -A=Type A

❶ ❷ ❸ ❹ ❺ ❻
A1252 H A – 2X 05P -BK

❶ Series No.
❷ H=Housing
❸ Blank=Normal type, A=Lock type
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits
❻ Option code: -BK=Black

❶ ❷ ❸ ❹ ❺ ❻
A1252 WV -SF – 2X 05P D01

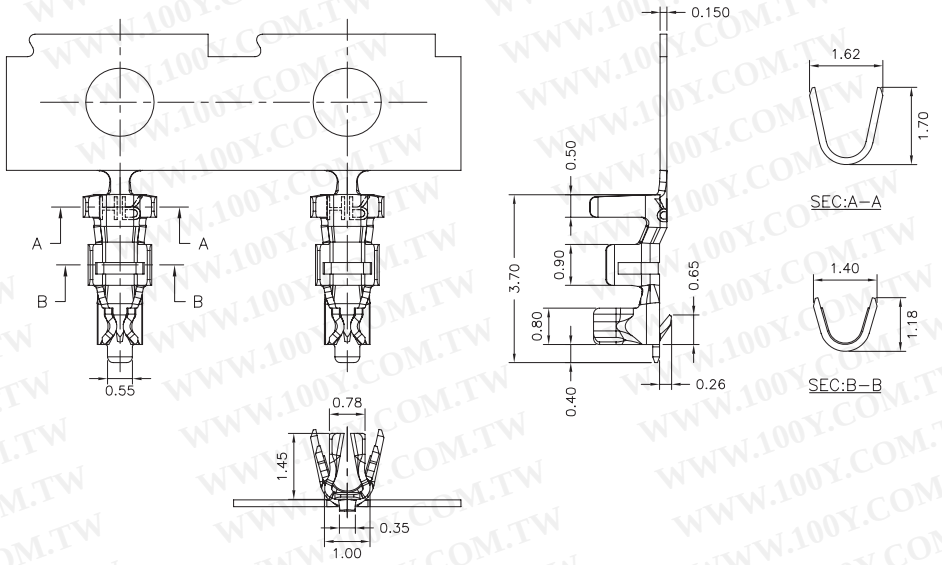
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: Blank=Through hole
–SF=SMT with boss
–S=SMT without boss
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits
❻ Option code:
46G=Nylon 46, Gold–flash(Through hole type only)
D01=Gold–flash, Taping reel(SMT type only)
D11=Black, Gold–flash, Taping reel(SMT type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1252-T 1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1252 series Housing



Ordering Information & Specifications: Unit:mm

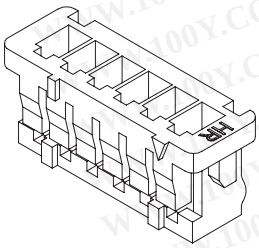
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1252-TPE-A	AWG#26-#30	1.00mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A1252-GPE-A	AWG#26-#30	1.01mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

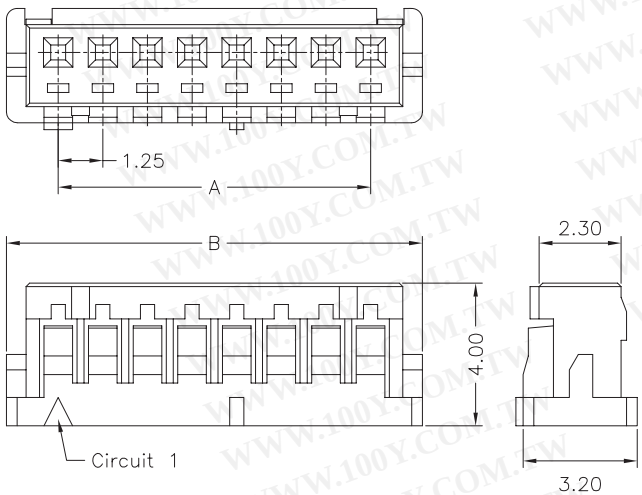
Note:E-Stamping before Tin-plated or Gold-flash

A1252H 1.25mm pitch Single Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1252 series Terminal
*Mates with H.R A1252 series single row Wafer



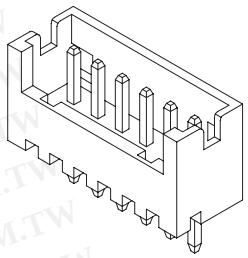


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1252H-02P	1.25	4.15
A1252H-03P	2.50	5.40
A1252H-04P	3.75	6.65
A1252H-05P	5.00	7.90
A1252H-06P	6.25	9.15
A1252H-07P	7.50	10.40
A1252H-08P	8.75	11.65
A1252H-09P	10.00	12.90
A1252H-10P	11.25	14.15
A1252H-11P	12.50	15.40
A1252H-12P	13.75	16.65
A1252H-13P	15.00	17.90
A1252H-14P	16.25	19.15
A1252H-15P	17.50	20.40

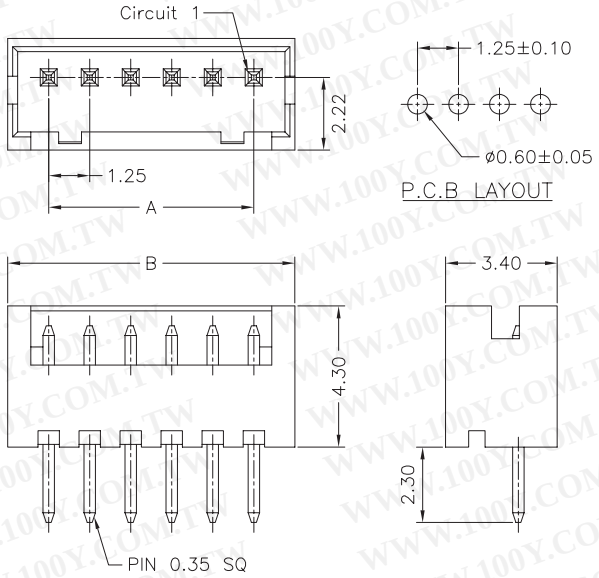
Unit:mm

A1252WV — 1.25mm pitch 180˚ Single Row Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1252 series single row Housing
*Nylon 46 is available

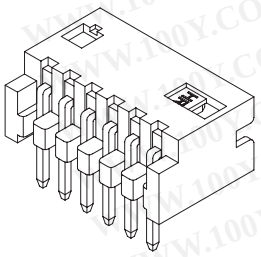


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1252WV-02P	1.25	3.75
A1252WV-03P	2.50	5.00
A1252WV-04P	3.75	6.25
A1252WV-05P	5.00	7.50
A1252WV-06P	6.25	8.75
A1252WV-07P	7.50	10.00
A1252WV-08P	8.75	11.25
A1252WV-09P	10.00	12.50
A1252WV-10P	11.25	13.75
A1252WV-11P	12.50	15.00
A1252WV-12P	13.75	16.25
A1252WV-13P	15.00	17.50
A1252WV-14P	16.25	18.75
A1252WV-15P	17.50	20.00

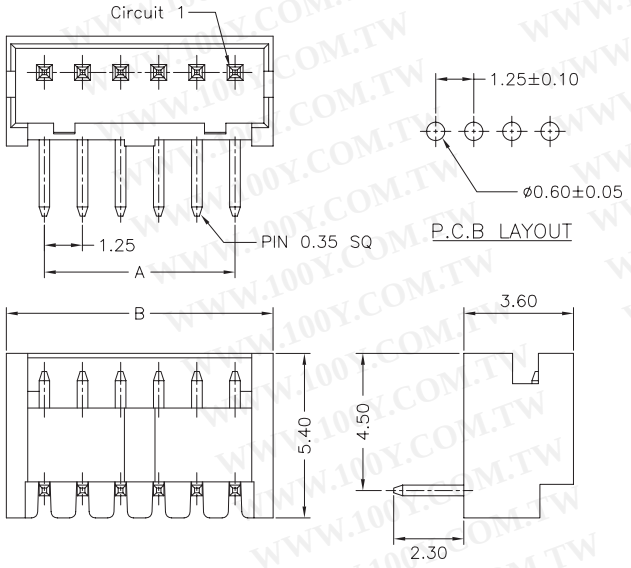
Unit:mm

A1252WR — 1.25mm pitch 90˚ Single Row Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1252 series single row Housing
*Nylon 46 is available



Ordering Information & Dimensions:

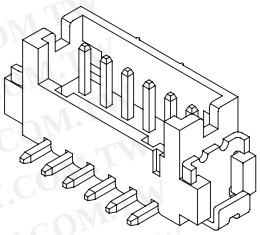
PART NO.	Dimensions	
	A	B
A1252WR-02P	1.25	3.75
A1252WR-03P	2.50	5.00
A1252WR-04P	3.75	6.25
A1252WR-05P	5.00	7.50
A1252WR-06P	6.25	8.75
A1252WR-07P	7.50	10.00
A1252WR-08P	8.75	11.25
A1252WR-09P	10.00	12.50
A1252WR-10P	11.25	13.75
A1252WR-11P	12.50	15.00
A1252WR-12P	13.75	16.25
A1252WR-13P	15.00	17.50
A1252WR-14P	16.25	18.75
A1252WR-15P	17.50	20.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

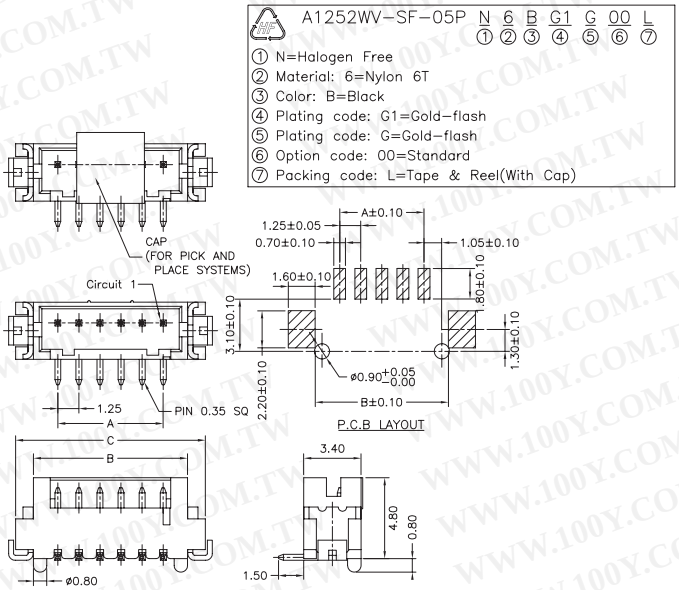
A1252WV-SF

1.25mm pitch 180˚ Single Row Wafer With Boss - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Phosphor Bronze/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1252 series single row Housing



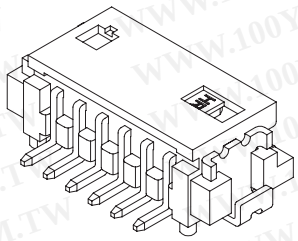
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1252WV-SF-02PD01	1.25	4.15	6.25
A1252WV-SF-03PD01	2.50	5.40	7.50
A1252WV-SF-04PD01	3.75	6.65	8.75
A1252WV-SF-05PD01	5.00	7.90	10.00
A1252WV-SF-06PD01	6.25	9.15	11.25
A1252WV-SF-07PD01	7.50	10.40	12.50
A1252WV-SF-08PD01	8.75	11.65	13.75
A1252WV-SF-09PD01	10.00	12.90	15.00
A1252WV-SF-10PD01	11.25	14.15	16.25
A1252WV-SF-11PD01	12.50	15.40	17.50
A1252WV-SF-12PD01	13.75	16.65	18.75
A1252WV-SF-13PD01	15.00	17.90	20.00
A1252WV-SF-14PD01	16.25	19.15	21.25
A1252WV-SF-15PD01	17.50	20.40	22.50

Unit:mm

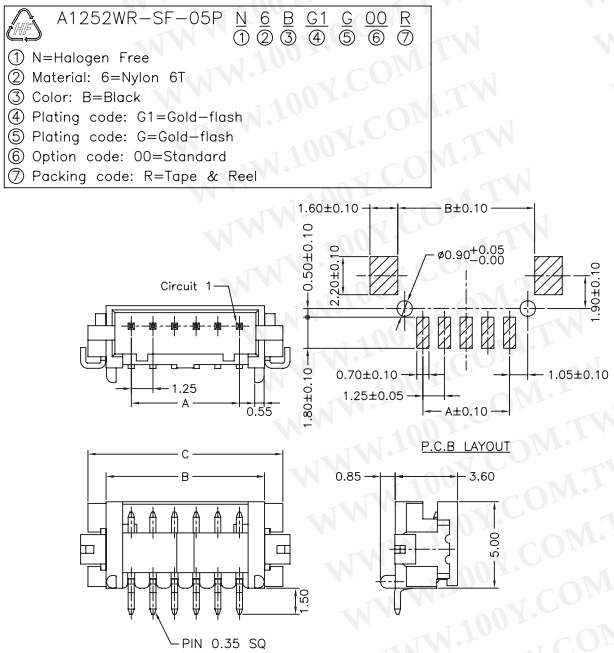
A1252WR-SF

1.25mm pitch 90˚ Single Row Wafer With Boss - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Phosphor Bronze/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1252 series single row Housing



Ordering Information & Dimensions:

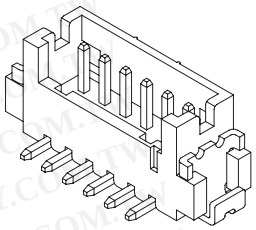
PART NO.	Dimensions		
	A	B	C
A1252WR-SF-02PD01	1.25	4.15	6.25
A1252WR-SF-03PD01	2.50	5.40	7.50
A1252WR-SF-04PD01	3.75	6.65	8.75
A1252WR-SF-05PD01	5.00	7.90	10.00
A1252WR-SF-06PD01	6.25	9.15	11.25
A1252WR-SF-07PD01	7.50	10.40	12.50
A1252WR-SF-08PD01	8.75	11.65	13.75
A1252WR-SF-09PD01	10.00	12.90	15.00
A1252WR-SF-10PD01	11.25	14.15	16.25
A1252WR-SF-11PD01	12.50	15.40	17.50
A1252WR-SF-12PD01	13.75	16.65	18.75
A1252WR-SF-13PD01	15.00	17.90	20.00
A1252WR-SF-14PD01	16.25	19.15	21.25
A1252WR-SF-15PD01	17.50	20.40	22.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

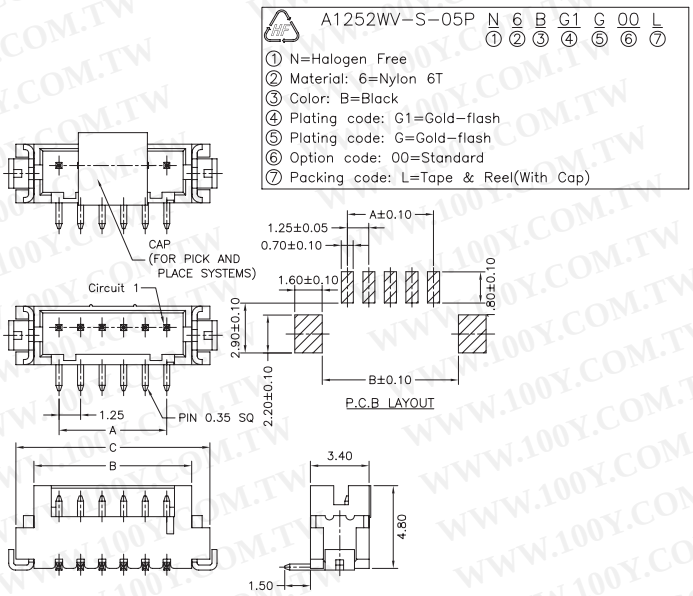
A1252WV-S

1.25mm pitch 180˚ Single Row Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Phosphor Bronze/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1252 series single row Housing



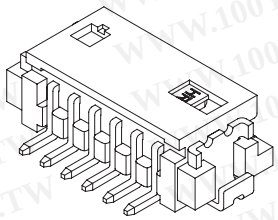
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1252WV-S-02PD01	1.25	4.15	6.25
A1252WV-S-03PD01	2.50	5.40	7.50
A1252WV-S-04PD01	3.75	6.65	8.75
A1252WV-S-05PD01	5.00	7.90	10.00
A1252WV-S-06PD01	6.25	9.15	11.25
A1252WV-S-07PD01	7.50	10.40	12.50
A1252WV-S-08PD01	8.75	11.65	13.75
A1252WV-S-09PD01	10.00	12.90	15.00
A1252WV-S-10PD01	11.25	14.15	16.25
A1252WV-S-11PD01	12.50	15.40	17.50
A1252WV-S-12PD01	13.75	16.65	18.75
A1252WV-S-13PD01	15.00	17.90	20.00
A1252WV-S-14PD01	16.25	19.15	21.25
A1252WV-S-15PD01	17.50	20.40	22.50

Unit:mm

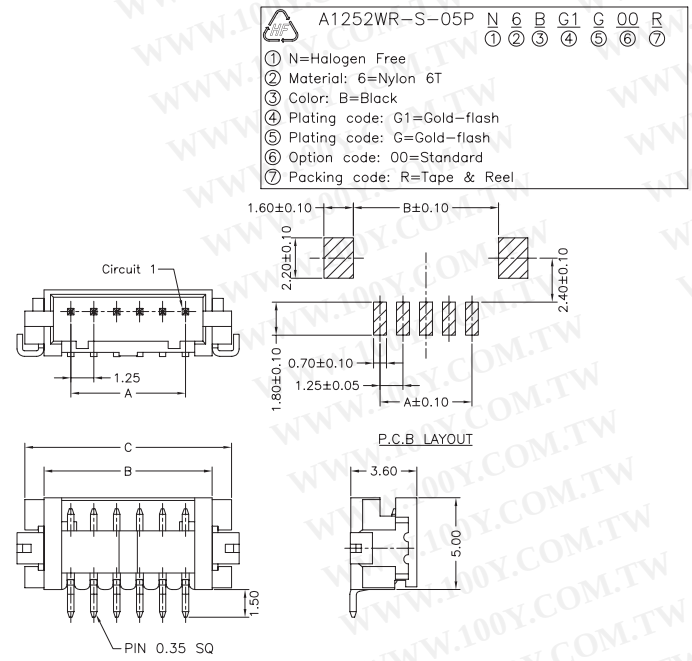
A1252WR-S

1.25mm pitch 90˚ Single Row Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Phosphor Bronze/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1252 series single row Housing



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1252WR-S-02PD01	1.25	4.15	6.25
A1252WR-S-03PD01	2.50	5.40	7.50
A1252WR-S-04PD01	3.75	6.65	8.75
A1252WR-S-05PD01	5.00	7.90	10.00
A1252WR-S-06PD01	6.25	9.15	11.25
A1252WR-S-07PD01	7.50	10.40	12.50
A1252WR-S-08PD01	8.75	11.65	13.75
A1252WR-S-09PD01	10.00	12.90	15.00
A1252WR-S-10PD01	11.25	14.15	16.25
A1252WR-S-11PD01	12.50	15.40	17.50
A1252WR-S-12PD01	13.75	16.65	18.75
A1252WR-S-13PD01	15.00	17.90	20.00
A1252WR-S-14PD01	16.25	19.15	21.25
A1252WR-S-15PD01	17.50	20.40	22.50

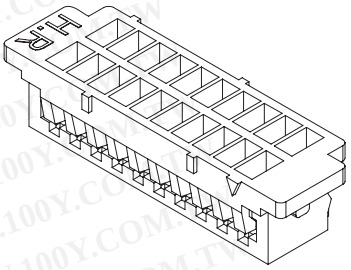
Unit:mm

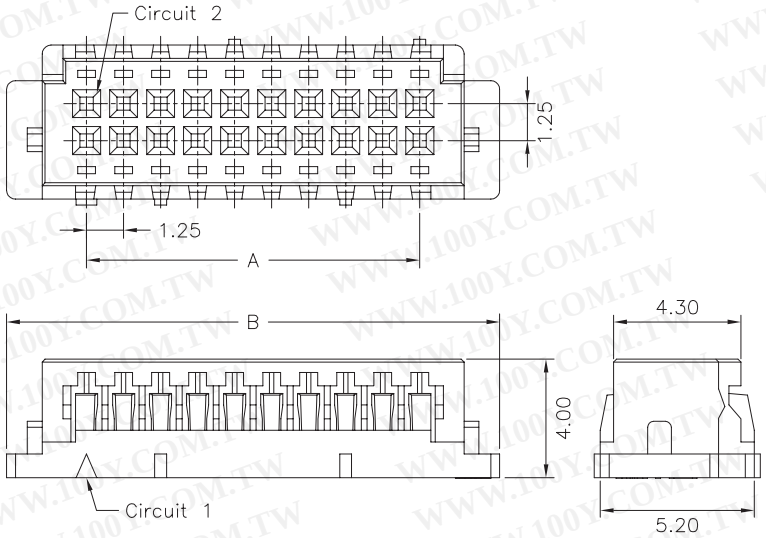
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1252H-2 — 1.25mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1252 series Terminal
*Mates with H.R A1252 series dual row Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1252H-2X05P	5.00	10.40
A1252H-2X06P	6.25	11.65
A1252H-2X07P	7.50	12.90
A1252H-2X10P	11.25	16.65
A1252H-2X15P	17.50	22.90
A1252H-2X20P	23.75	29.15

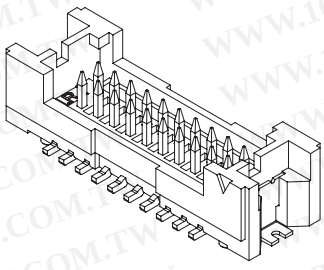
Unit:mm

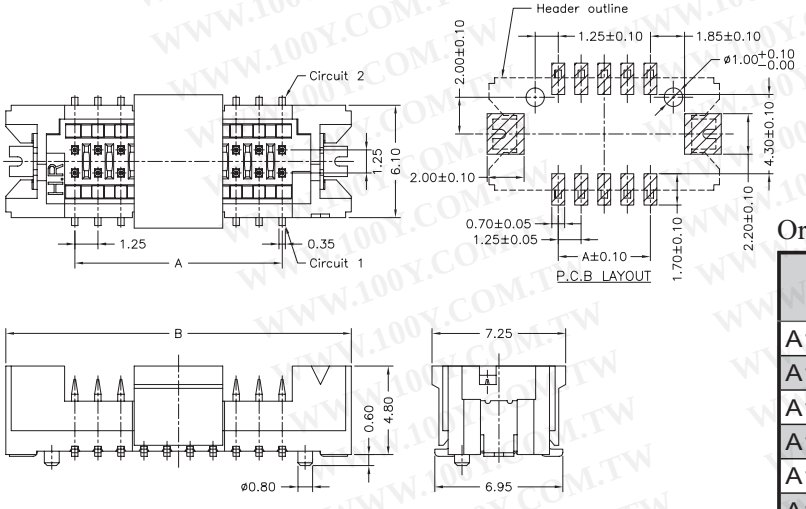
A1252WV-SF-2 — 1.25mm pitch 180˚ Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1252 series dual row Housing

A1252WV-SF-2X05P N 6 B G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash, T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1252WV-SF-2X05PD01	5.00	12.50
A1252WV-SF-2X06PD01	6.25	13.75
A1252WV-SF-2X07PD01	7.50	15.00
A1252WV-SF-2X10PD01	11.25	18.75
A1252WV-SF-2X15PD01	17.50	25.00
A1252WV-SF-2X17PD01	20.00	27.50
A1252WV-SF-2X20PD01	23.75	31.25

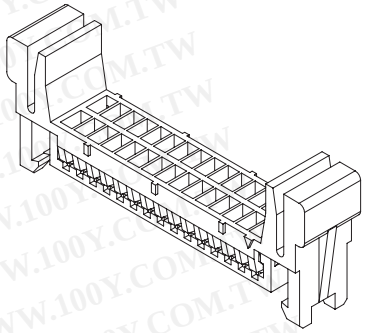
Unit:mm

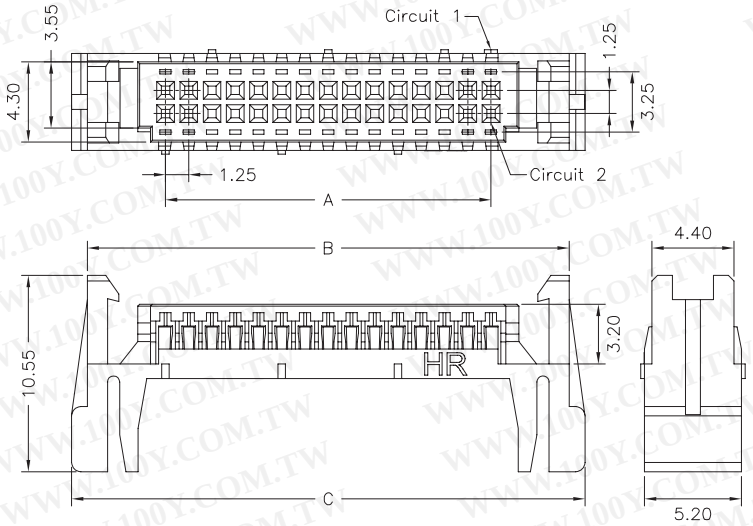
A1252HA-2

1.25mm pitch Dual Row Housing - LOCK TYPE

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1252 series Terminal
*Mates with H.R A1252 WVA series dual row Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1252HA-2X05P	5.00	13.40	15.10
A1252HA-2X06P	6.25	14.65	16.35
A1252HA-2X07P	7.50	15.90	17.60
A1252HA-2X10P	11.25	19.65	21.35
A1252HA-2X15P	17.50	25.90	27.60
A1252HA-2X20P	23.75	32.15	33.85

Unit:mm

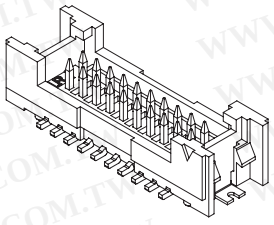
A1252WVA-SF-2

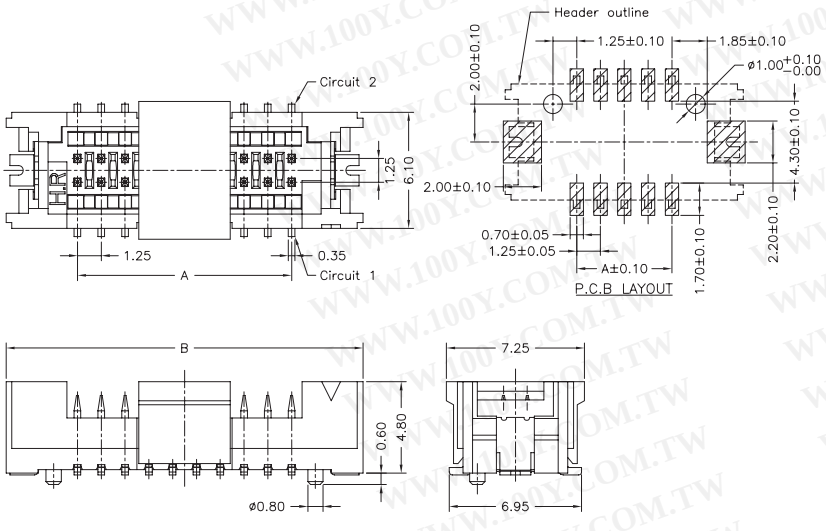
1.25mm pitch 180˚ Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1252HA series dual row Housing

A1252WVA-SF-2X05P N 6 B G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash, T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)



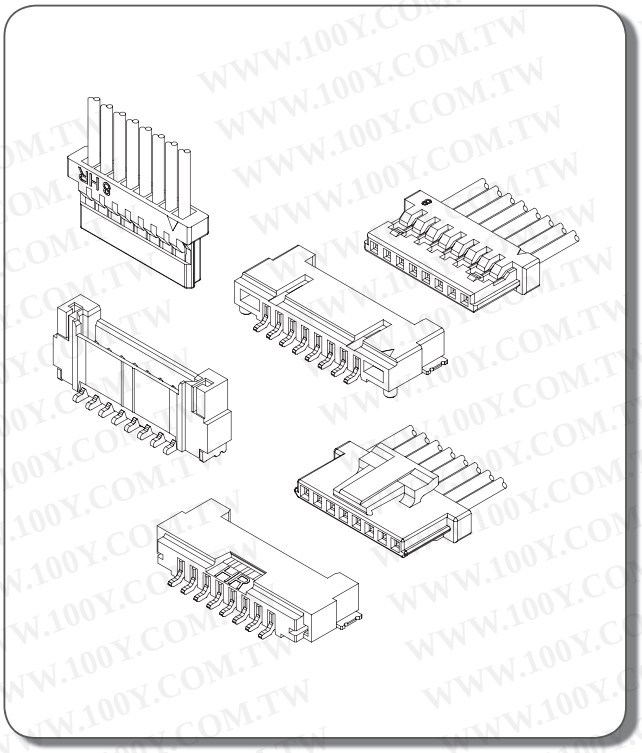


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1252WVA-SF-2X05PD01	5.00	12.50
A1252WVA-SF-2X06PD01	6.25	13.75
A1252WVA-SF-2X07PD01	7.50	15.00
A1252WVA-SF-2X10PD01	11.25	18.75
A1252WVA-SF-2X15PD01	17.50	25.00
A1252WVA-SF-2X17PD01	20.00	27.75
A1252WVA-SF-2X20PD01	23.75	31.25

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



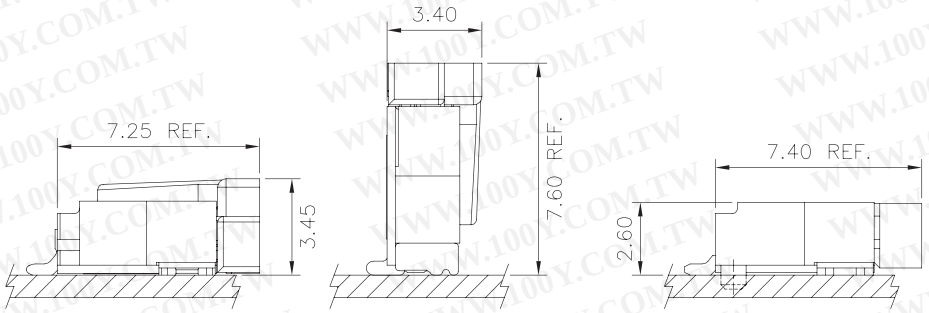
Specifications

Current rating: 1A AC,DC
Voltage rating: 150V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A1253 – T P E -A

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -1=Type 1, -A=Type A

❶ ❷ ❸ ❹
A1253 H A – 05P

❶ Series No.
❷ H=Housing
❸ Blank=Without lock structure type
A=With lock structure type
❹ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻
A1253 WR A – SF – 05P D01

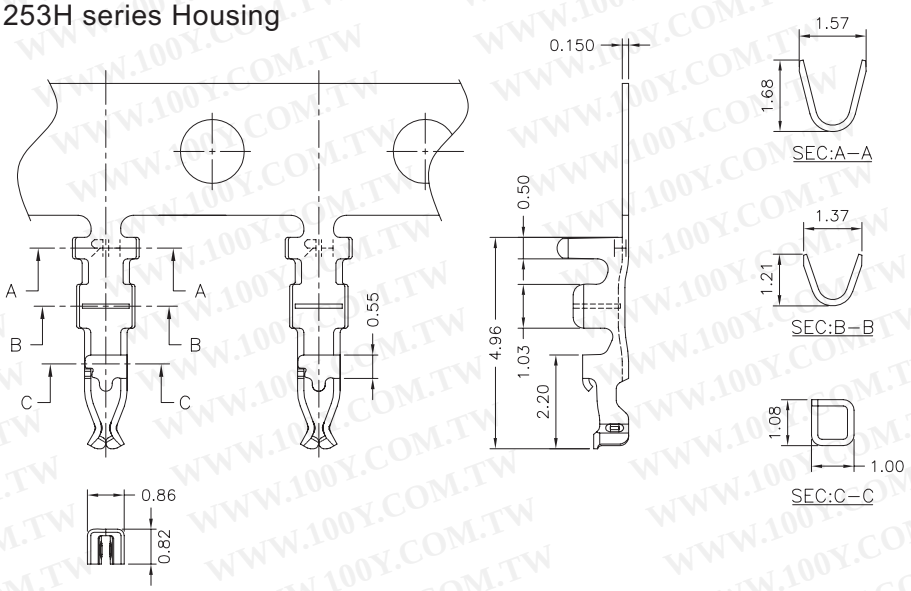
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Without lock structure type
A=With lock structure type
❹ Mounting type: SF=SMT with boss
S=SMT without boss
❺ No. of circuits
❻ Option code:
D01=Gold-flash, Taping reel

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1253-T 1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1253H series Housing



Ordering Information & Specifications: Unit:mm

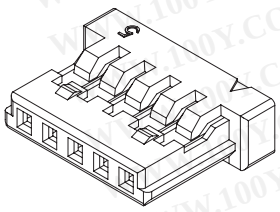
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1253-TPE-1	AWG#26-#32	1.00mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A1253-GPE-1	AWG#26-#32	1.00mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

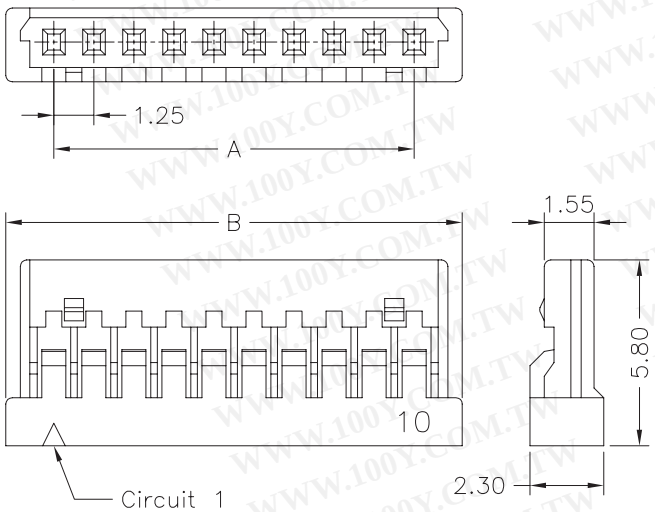
Note:E-Stamping before Tin-plated or Gold-flash

A1253H 1.25mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1253 series Terminal
*Mates with H.R A1253WR series Wafer





Ordering Information & Dimensions:

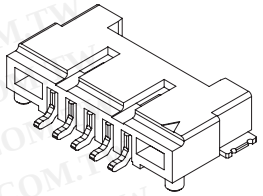
PART NO.	Dimensions	
	A	B
A1253H-02P	1.25	4.25
A1253H-03P	2.50	5.50
A1253H-04P	3.75	6.75
A1253H-05P	5.00	8.00
A1253H-06P	6.25	9.25
A1253H-07P	7.50	10.50
A1253H-08P	8.75	11.75
A1253H-09P	10.00	13.00
A1253H-10P	11.25	14.25
A1253H-11P	12.50	15.50
A1253H-12P	13.75	16.75
A1253H-13P	15.00	18.00
A1253H-14P	16.25	19.25
A1253H-15P	17.50	20.50
A1253H-20P	23.75	26.75
A1253H-21P	25.00	28.00
A1253H-25P	30.00	33.00
A1253H-30P	36.25	39.25

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

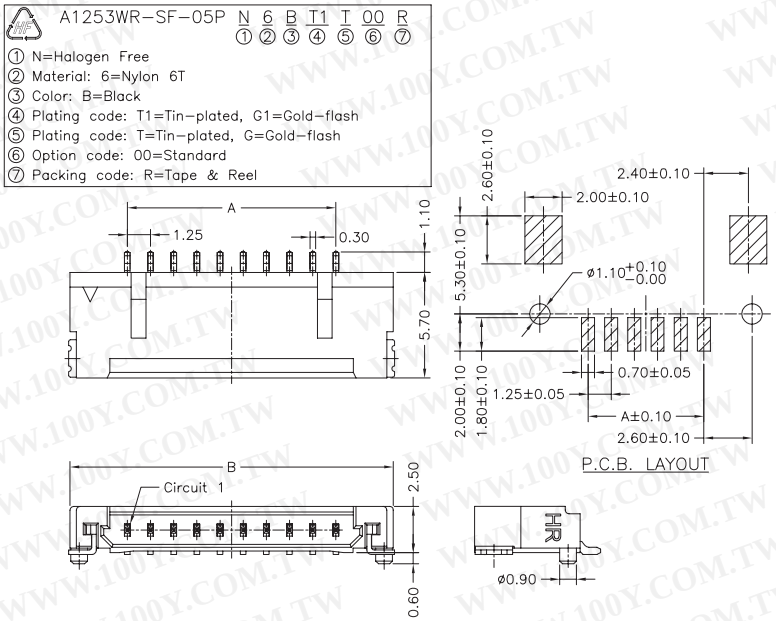
A1253WR-SF

1.25mm pitch 90° Wafer With Boss - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1253H series Housing



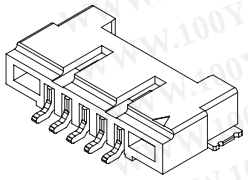
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1253WR-SF-02P	1.25	7.45
A1253WR-SF-03P	2.50	8.70
A1253WR-SF-04P	3.75	9.95
A1253WR-SF-05P	5.00	11.20
A1253WR-SF-06P	6.25	12.45
A1253WR-SF-07P	7.50	13.70
A1253WR-SF-08P	8.75	14.95
A1253WR-SF-09P	10.00	16.20
A1253WR-SF-10P	11.25	17.45
A1253WR-SF-11P	12.50	18.70
A1253WR-SF-12P	13.75	19.95
A1253WR-SF-13P	15.00	21.20
A1253WR-SF-14P	16.25	22.45
A1253WR-SF-15P	17.50	23.70
A1253WR-SF-20P	23.75	29.95
A1253WR-SF-21P	25.00	31.20
A1253WR-SF-25P	30.00	36.20
A1253WR-SF-30P	36.25	42.45

Unit:mm

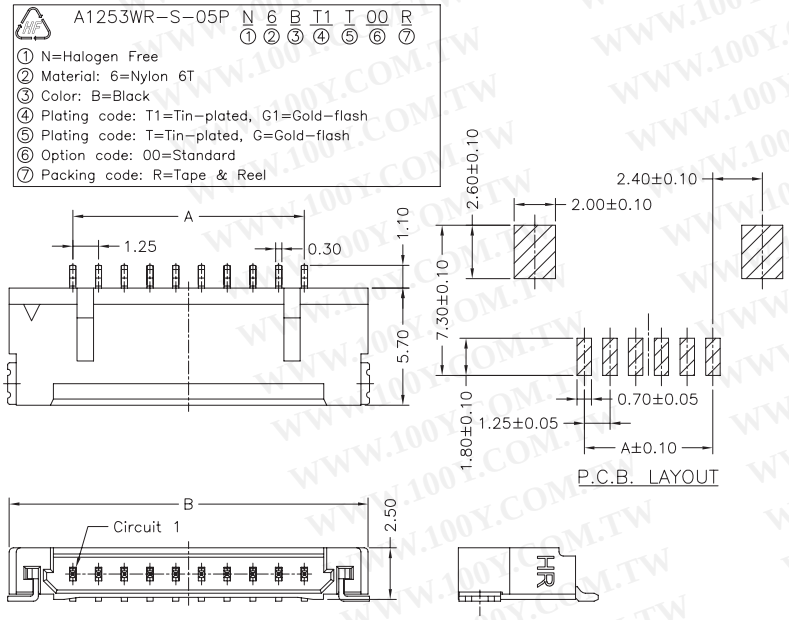
A1253WR-S

1.25mm pitch 90° Wafer - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1253H series Housing



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1253WR-S-02P	1.25	7.45
A1253WR-S-03P	2.50	8.70
A1253WR-S-04P	3.75	9.95
A1253WR-S-05P	5.00	11.20
A1253WR-S-06P	6.25	12.45
A1253WR-S-07P	7.50	13.70
A1253WR-S-08P	8.75	14.95
A1253WR-S-09P	10.00	16.20
A1253WR-S-10P	11.25	17.45
A1253WR-S-11P	12.50	18.70
A1253WR-S-12P	13.75	19.95
A1253WR-S-13P	15.00	21.20
A1253WR-S-14P	16.25	22.45
A1253WR-S-15P	17.50	23.70
A1253WR-S-20P	23.75	29.95
A1253WR-S-21P	25.00	31.20
A1253WR-S-25P	30.00	36.20
A1253WR-S-30P	36.25	42.45

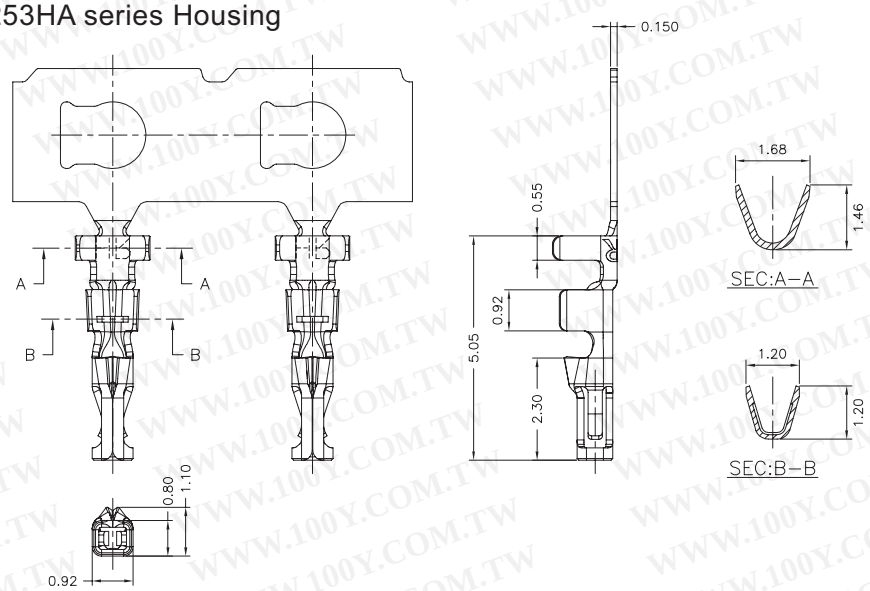
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1253-T 1.25mm pitch Crimp Terminal - A TYPE

Reference Informations:

*Used in H.R A1253HA series Housing



Ordering Information & Specifications: Unit:mm

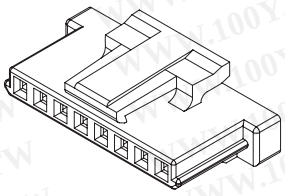
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1253-TPE-A	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
A1253-GPE-A	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

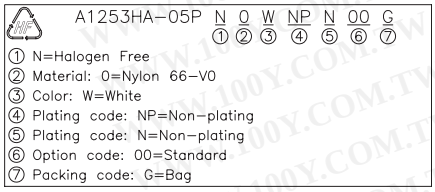
Note:E-Stamping before Tin-plated or Gold-flash

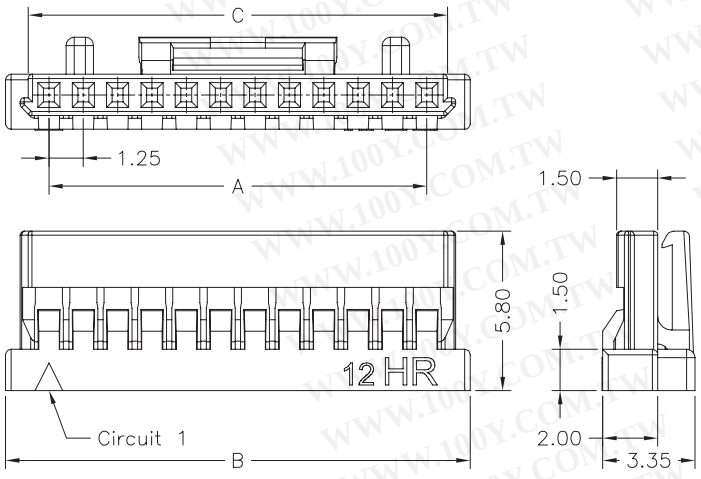
A1253HA 1.25mm pitch Housing - A TYPE

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1253 series Terminal - A TYPE
*Mates with H.R A1253WVA,WRA series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1253HA-02P	1.25	4.40	2.75
A1253HA-03P	2.50	5.65	4.00
A1253HA-04P	3.75	6.90	5.25
A1253HA-05P	5.00	8.15	6.50
A1253HA-06P	6.25	9.40	7.75
A1253HA-07P	7.50	10.65	9.00
A1253HA-08P	8.75	11.90	10.25
A1253HA-09P	10.00	13.15	11.50
A1253HA-10P	11.25	14.40	12.75
A1253HA-11P	12.50	15.65	14.00
A1253HA-12P	13.75	16.90	15.25
A1253HA-13P	15.00	18.15	16.50
A1253HA-14P	16.25	19.40	17.75
A1253HA-15P	17.50	20.65	19.00
A1253HA-20P	23.75	26.90	25.25
A1253HA-25P	30.00	33.15	31.50
A1253HA-30P	36.25	39.40	37.75

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

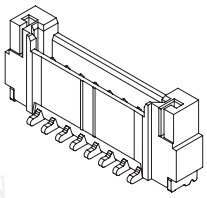
A1253WVA-S

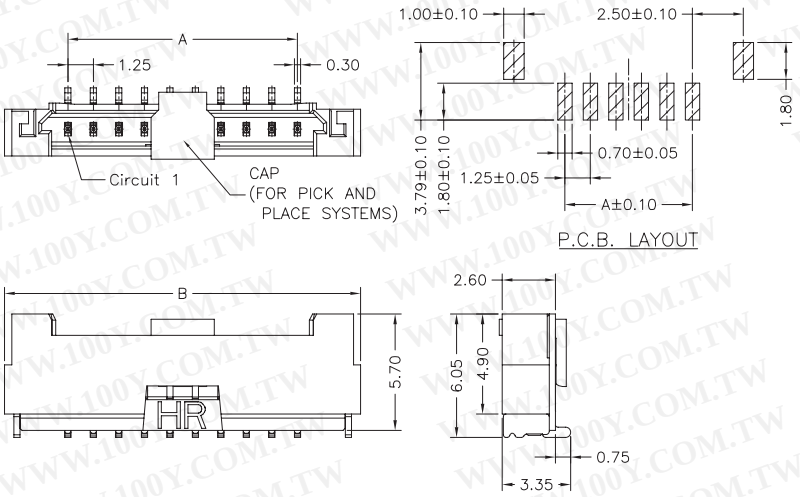
1.25mm pitch 180° Wafer - SMT TYPE, A TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1253HA series Housing

A1253WVA-S-05P N 6 B T1 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1253WVA-S-02P	1.25	7.45
A1253WVA-S-03P	2.50	8.70
A1253WVA-S-04P	3.75	9.95
A1253WVA-S-05P	5.00	11.20
A1253WVA-S-06P	6.25	12.45
A1253WVA-S-07P	7.50	13.70
A1253WVA-S-08P	8.75	14.95
A1253WVA-S-09P	10.00	16.20
A1253WVA-S-10P	11.25	17.45
A1253WVA-S-11P	12.50	18.70
A1253WVA-S-12P	13.75	19.95
A1253WVA-S-13P	15.00	21.20
A1253WVA-S-14P	16.25	22.45
A1253WVA-S-15P	17.50	23.70
A1253WVA-S-20P	23.75	29.95
A1253WVA-S-25P	30.00	36.20
A1253WVA-S-30P	36.25	42.45

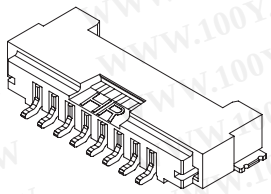
Unit:mm

A1253WRA-S

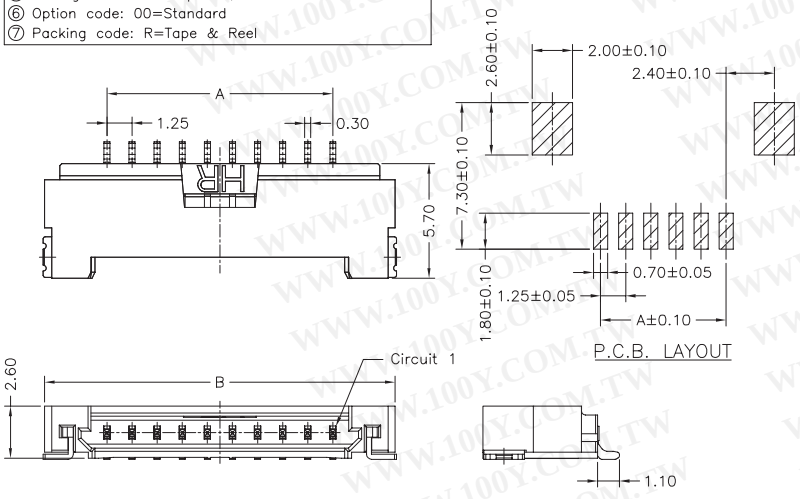
1.25mm pitch 90° Wafer - SMT TYPE, A TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1253HA series Housing



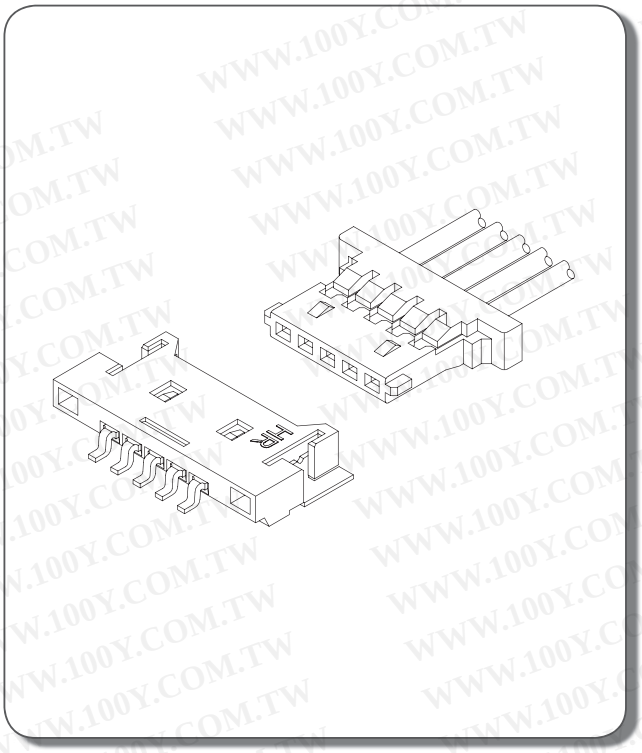
A1253WRA-S-05P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1253WRA-S-02P	1.25	7.45
A1253WRA-S-03P	2.50	8.70
A1253WRA-S-04P	3.75	9.95
A1253WRA-S-05P	5.00	11.20
A1253WRA-S-06P	6.25	12.45
A1253WRA-S-07P	7.50	13.70
A1253WRA-S-08P	8.75	14.95
A1253WRA-S-09P	10.00	16.20
A1253WRA-S-10P	11.25	17.45
A1253WRA-S-11P	12.50	18.70
A1253WRA-S-12P	13.75	19.95
A1253WRA-S-13P	15.00	21.20
A1253WRA-S-14P	16.25	22.45
A1253WRA-S-15P	17.50	23.70
A1253WRA-S-20P	23.75	29.95
A1253WRA-S-25P	30.00	36.20
A1253WRA-S-30P	36.25	42.45

Unit:mm



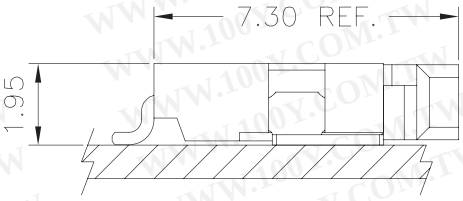
Specifications

Current rating: 1A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A1254 – G P E

❶ Series No.
❷ Plating code: G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A1254 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

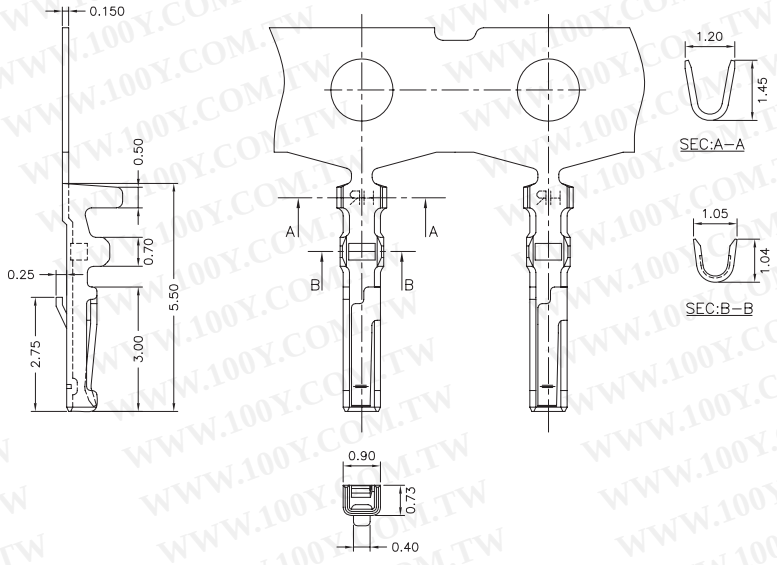
❶ ❷ ❸ ❹ ❺
A1254 WR – S – 05P D02

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
D02=Pin/Gold-plated, Solder Tabs/Gold-flash, Taping reel

A1254-T 1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1254 series Housing



Ordering Information & Specifications: Unit:mm

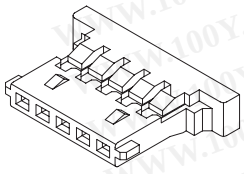
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1254-GPE	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

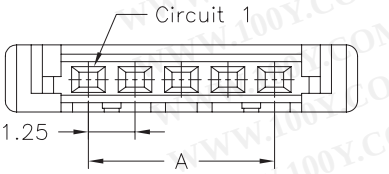
Note:E-Stamping before Gold-flash

A1254H 1.25mm pitch Housing

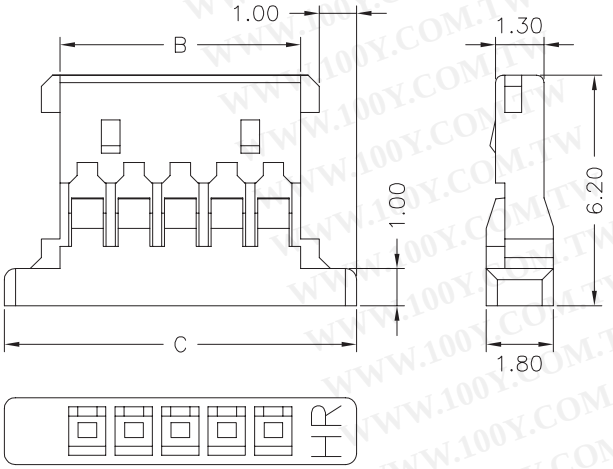
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1254 series Terminal
*Mates with H.R A1254 series Wafer





A1254H-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

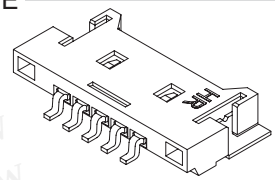
PART NO.	Dimensions		
	A	B	C
A1254H-02P	1.25	2.72	5.72
A1254H-03P	2.50	3.97	6.97
A1254H-04P	3.75	5.22	8.22
A1254H-05P	5.00	6.47	9.47
A1254H-06P	6.25	7.72	10.72
A1254H-07P	7.50	8.97	11.97
A1254H-08P	8.75	10.22	13.22
A1254H-09P	10.00	11.47	14.47
A1254H-10P	11.25	12.72	15.72
A1254H-11P	12.50	13.97	16.97
A1254H-12P	13.75	15.22	18.22
A1254H-14P	16.25	17.72	20.72
A1254H-15P	17.50	18.97	21.97
A1254H-16P	18.75	20.22	23.22
A1254H-20P	23.75	25.22	28.22
A1254H-30P	36.25	37.72	40.72

Unit:mm

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A1254WR-S

1.25mm pitch 90° Wafer - SMT TYPE

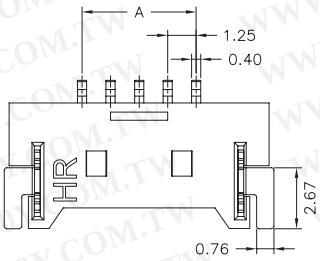


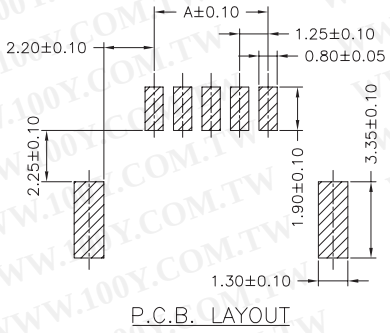
Reference Informations:

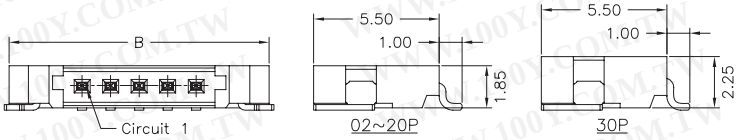
*Material: Pin: Brass/Gold-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1254 series Housing

A1254WR-S-05P N 6 B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



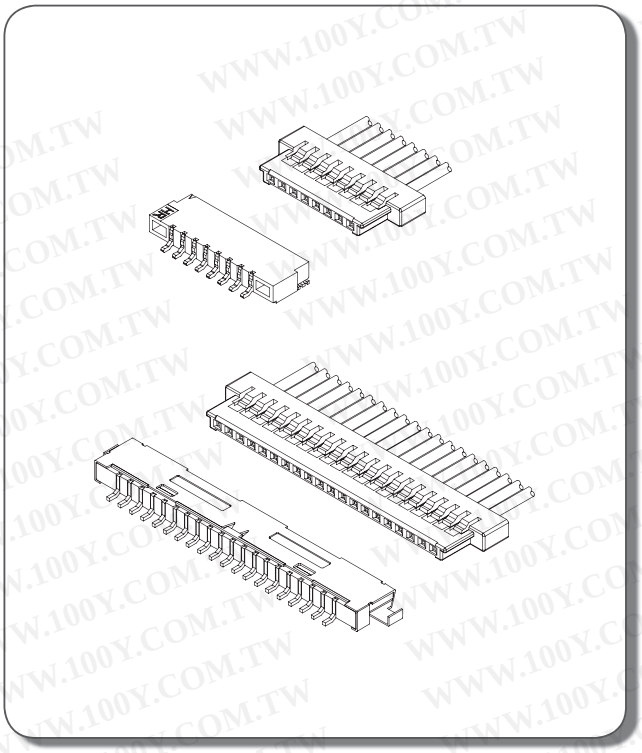




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1254WR-S-02P	1.25	7.65
A1254WR-S-03P	2.50	8.90
A1254WR-S-04P	3.75	10.15
A1254WR-S-05P	5.00	11.40
A1254WR-S-06P	6.25	12.65
A1254WR-S-07P	7.50	13.90
A1254WR-S-08P	8.75	15.15
A1254WR-S-09P	10.00	16.40
A1254WR-S-10P	11.25	17.65
A1254WR-S-11P	12.50	18.90
A1254WR-S-12P	13.75	20.15
A1254WR-S-14P	16.25	22.65
A1254WR-S-15P	17.50	23.90
A1254WR-S-16P	18.75	25.15
A1254WR-S-20P	23.75	30.15
A1254WR-S-30P	36.25	42.65

Unit:mm



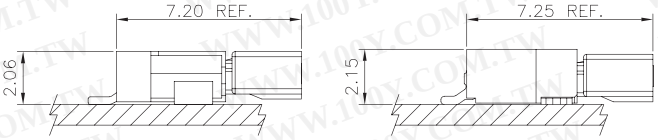
Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A1255-G P E

❶ Series No.
❷ Plating code: T=Tin–plated, G=Gold-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A1255 H-05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

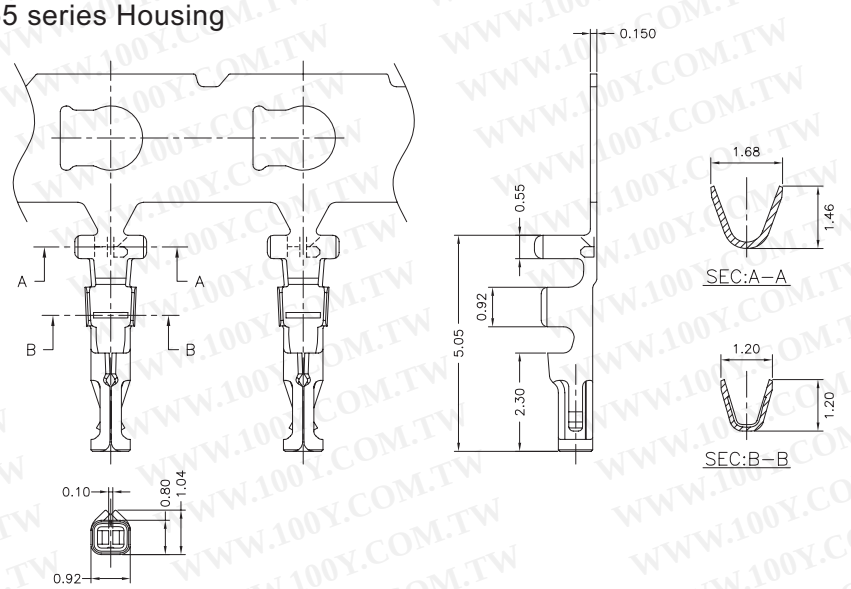
❶ ❷ ❸ ❹ ❺ ❻
A1255 WR A-S-05P D02

❶ Series No.
❷ Connector type: WR=Right angle
❸ Blank=Normal type
A=Shell type
❹ Mounting type: S=SMT
❺ No. of circuits
❻ Option code:
D02=Gold-plated, Taping reel(Normal type only)

A1255-T 1.25mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1255 series Housing



Ordering Information & Specifications: Unit:mm

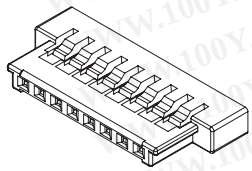
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1255-GPE	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold-plated	15,000pcs
A1255-TPE	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin-plated	15,000pcs

Note:E-Stamping before Tin-plated or Gold-plated

A1255H 1.25mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1255 series Terminal
*Mates with H.R A1255 series Wafer

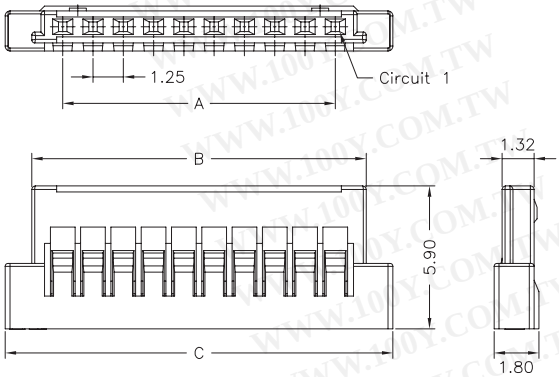


Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1255H-02P	1.25	3.80	6.00
A1255H-03P	2.50	5.05	7.25
A1255H-04P	3.75	6.30	8.50
A1255H-05P	5.00	7.55	9.75
A1255H-06P	6.25	8.80	11.00
A1255H-07P	7.50	10.05	12.25
A1255H-08P	8.75	11.30	13.50
A1255H-09P	10.00	12.55	14.75
A1255H-10P	11.25	13.80	16.00
A1255H-11P	12.50	15.05	17.25
A1255H-12P	13.75	16.30	18.50
A1255H-13P	15.00	17.55	19.75
A1255H-14P	16.25	18.80	21.00
A1255H-15P	17.50	20.05	22.25
A1255H-20P	23.75	26.30	28.50
A1255H-25P	30.00	32.55	34.75
A1255H-30P	36.25	38.80	41.00

Unit:mm

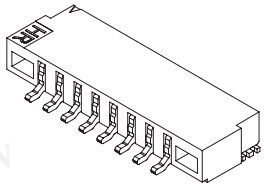
A1255H-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



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A1255WR-S

1.25mm pitch 90° Wafer - SMT TYPE

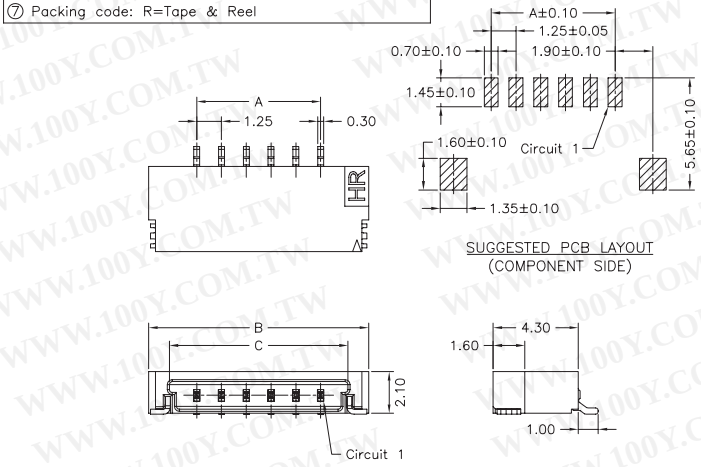


Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Phosphor Bronze/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1255 series Housing

A1255WR-S-05P N 6 B G2 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1255WR-S-02PD02	1.25	6.10	4.01
A1255WR-S-03PD02	2.50	7.35	5.26
A1255WR-S-04PD02	3.75	8.60	6.51
A1255WR-S-05PD02	5.00	9.85	7.76
A1255WR-S-06PD02	6.25	11.10	9.01
A1255WR-S-07PD02	7.50	12.35	10.26
A1255WR-S-08PD02	8.75	13.60	11.51
A1255WR-S-10PD02	11.25	16.10	14.01
A1255WR-S-11PD02	12.50	17.35	15.26
A1255WR-S-12PD02	13.75	18.60	16.51
A1255WR-S-13PD02	15.00	19.85	17.76
A1255WR-S-14PD02	16.25	21.10	19.01
A1255WR-S-15PD02	17.50	22.35	20.26
A1255WR-S-20PD02	23.75	28.60	26.51
A1255WR-S-25PD02	30.00	34.85	32.76
A1255WR-S-30PD02	36.25	41.10	39.01

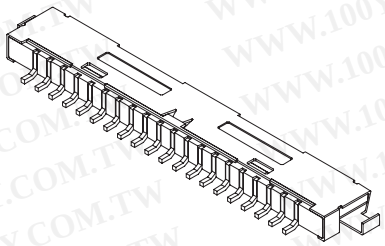
Unit:mm

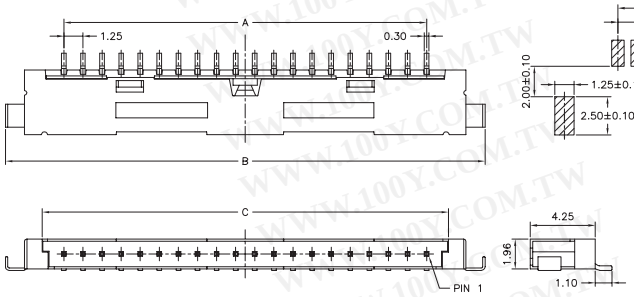
A1255WRA-S

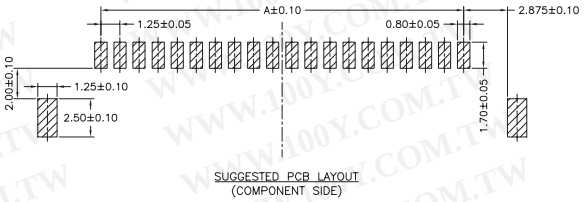
1.25mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Shell: Brass/Tin-plated
Wafer: LCP,UL94V-0
*Mates with H.R A1255 series Housing



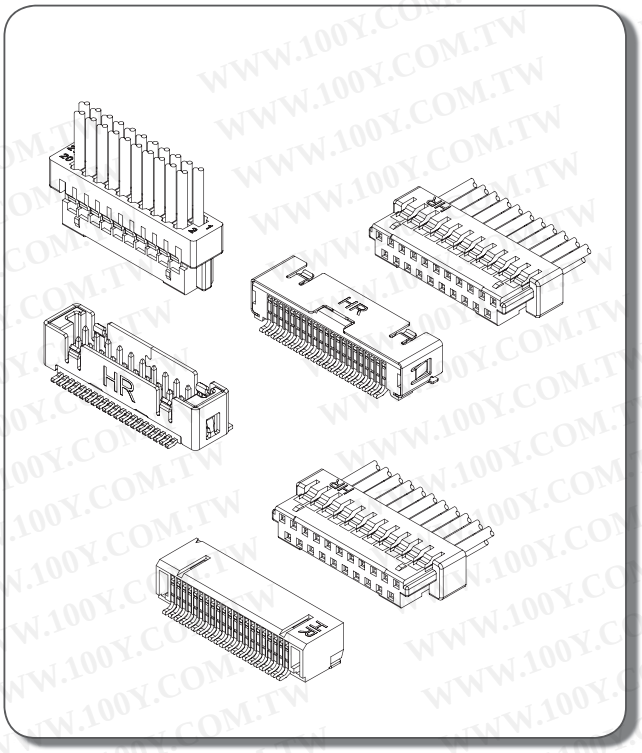




Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1255WRA-S-20P	23.75	31.40	26.60
A1255WRA-S-30P	36.25	43.90	39.10

Unit:mm



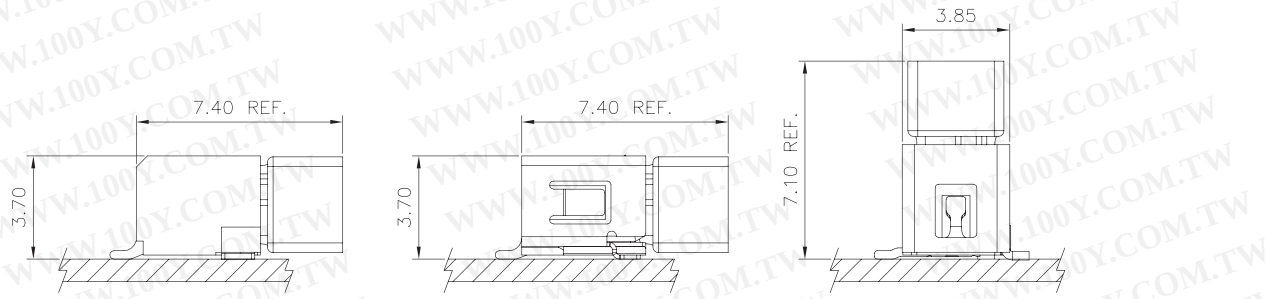
Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 40mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A1256 H A-31P

❶ Series No.
❷ H=Housing
❸ Blank=Without lock structure type
A=With lock structure type
❹ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻
A1256 WR A-S-31P D02

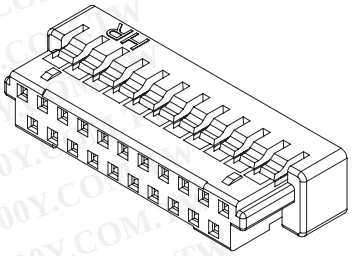
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=With shell type
A=Without shell type
B=With shell type, Reverse
❹ Mounting type: SF=SMT with boss
S=SMT without boss
❺ No. of circuits
❻ Option code:
D02=Pin/Gold-plated, Solder Tabs/Gold-flash,
Taping reel

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1256H 1.25mm pitch Dual Row Housing

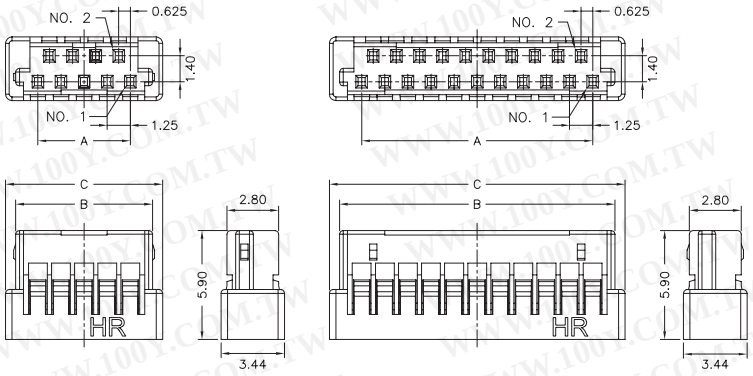
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1255 series Terminal
*Mates with H.R A1256 series dual row Wafer



A1256H-31P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



5,7,9,11 Contacts 13,15,17,19,21,31,41 Contacts

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1256H-05P	2.50	4.90	6.00
A1256H-07P	3.75	6.15	7.25
A1256H-09P	5.00	7.40	8.50
A1256H-11P	6.25	8.65	9.75
A1256H-13P	7.50	9.90	11.00
A1256H-15P	8.75	11.15	12.25
A1256H-17P	10.00	12.40	13.50
A1256H-19P	11.25	13.65	14.75
A1256H-21P	12.50	14.90	16.00
A1256H-31P	18.75	21.15	22.25
A1256H-41P	25.00	27.40	28.50

Unit:mm

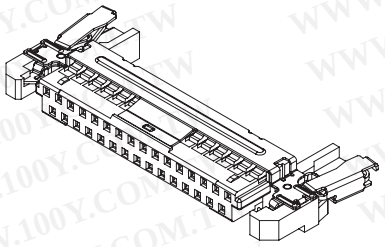
A1256HA-31P 1.25mm pitch Dual Row Housing With Lock

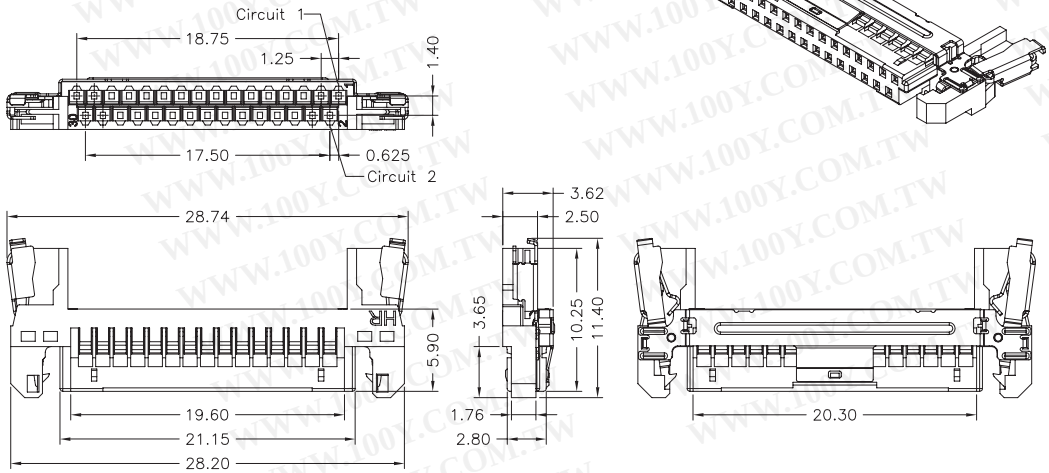
Reference Informations:

*Material: Housing: Nylon 66,UL94V-0
Shell: Stainless
Lock lever: Stainless
*Suitable H.R A1255 series Terminal
*Mates with H.R A1256WV series dual row Wafer

A1256HA-31P N 0 B NP N 00 B
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





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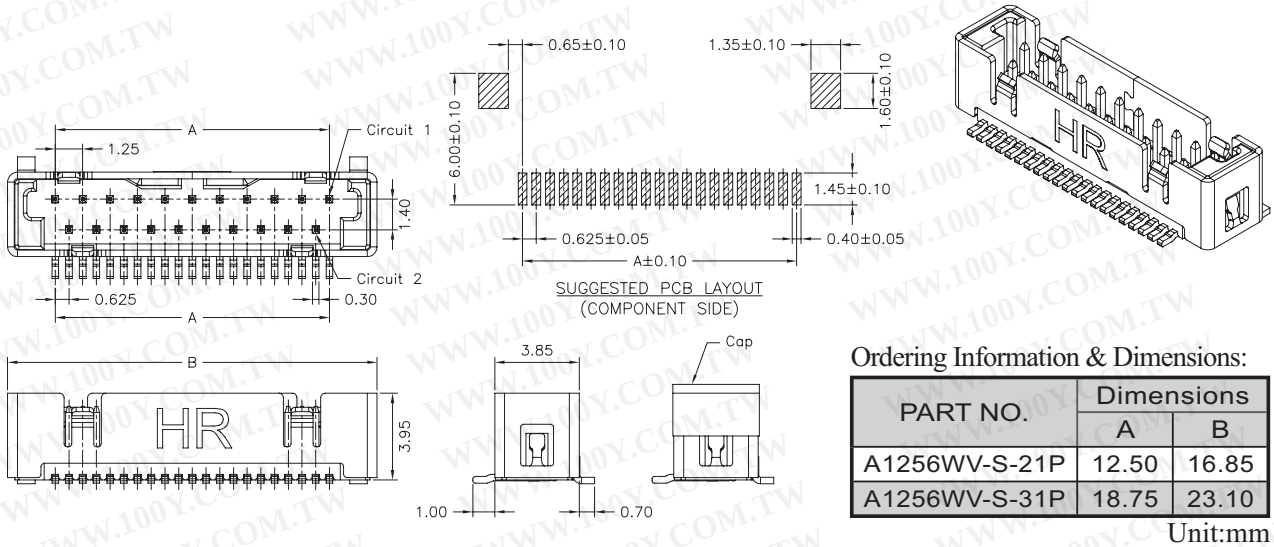
A1256WV-S

1.25mm pitch 180° Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1256 series dual row Housing

A1256WV-S-31P N 6 B G2 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1256WV-S-21P	12.50	16.85
A1256WV-S-31P	18.75	23.10

Unit:mm

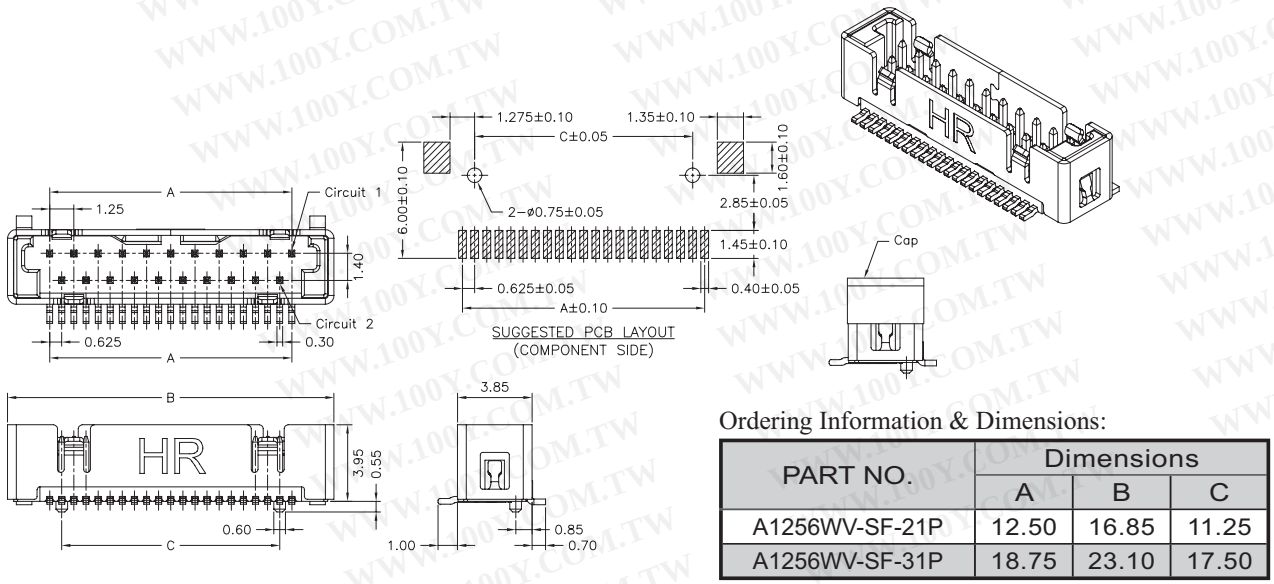
A1256WV-SF

1.25mm pitch 180° Dual Row Wafer With Boss - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1256 series dual row Housing

A1256WV-SF-31P N 6 B G2 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A1256WV-SF-21P	12.50	16.85	11.25
A1256WV-SF-31P	18.75	23.10	17.50

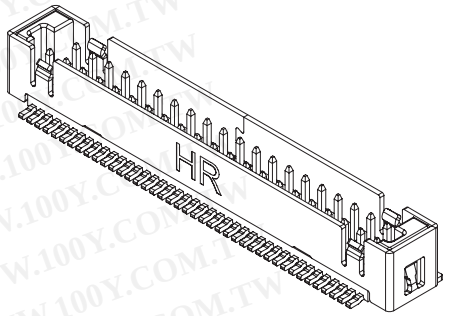
Unit:mm

A1256WVB-S-41P

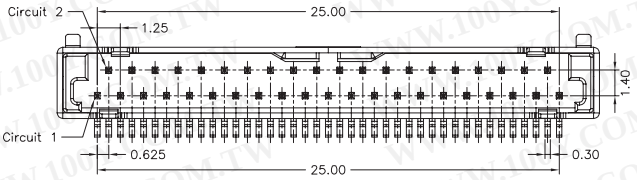
1.25mm pitch 180° Dual Row Wafer - SMT TYPE

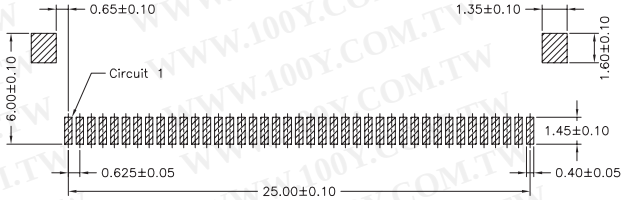
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1256 series dual row Housing



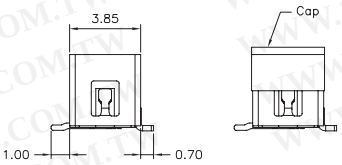
A1256WVB-S-41P N 6 B G2 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





SUGGESTED PCB LAYOUT
(COMPONENT SIDE)





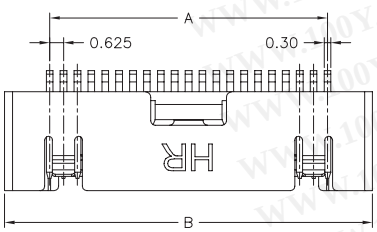
A1256WR-S

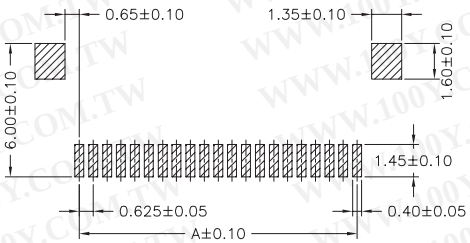
1.25mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

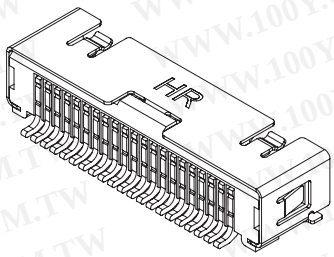
*Material: Pin: Phosphor Bronze/Gold-plated
Shell: Phosphor Bronze/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1256 series dual row Housing

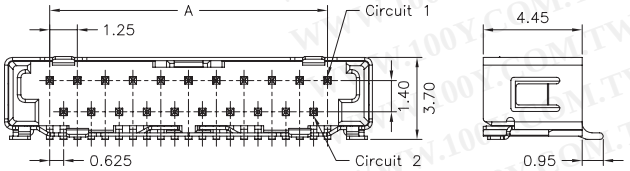
A1256WR-S-31P N 6 B G2 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





SUGGESTED PCB LAYOUT
(COMPONENT SIDE)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1256WR-S-21P	12.50	16.55
A1256WR-S-31P	18.75	22.80
A1256WR-S-41P	25.00	29.05

Unit:mm

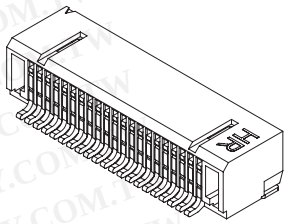
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

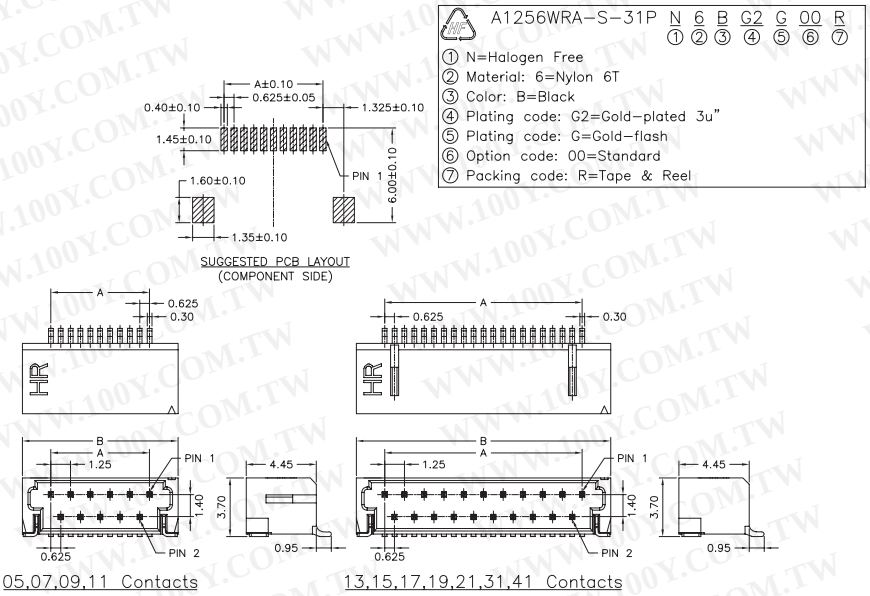
A1256WRA-S

1.25mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1256 series dual row Housing

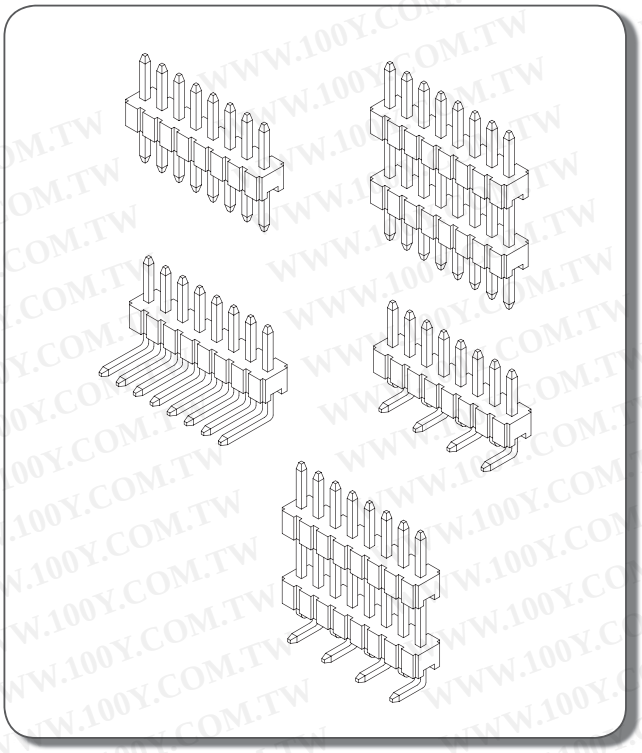




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1256WRA-S-05PD02	2.50	6.10
A1256WRA-S-07PD02	3.75	7.35
A1256WRA-S-09PD02	5.00	8.60
A1256WRA-S-11PD02	6.25	9.85
A1256WRA-S-13PD02	7.50	11.10
A1256WRA-S-15PD02	8.75	12.35
A1256WRA-S-17PD02	10.00	13.60
A1256WRA-S-19PD02	11.25	14.85
A1256WRA-S-21PD02	12.50	16.10
A1256WRA-S-31PD02	18.75	22.35
A1256WRA-S-41PD02	25.00	28.60

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

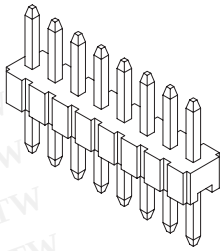
Ordering code

❶ ❷ ❸ ❹ ❺
A1271 WV A -S- 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ No. of circuits

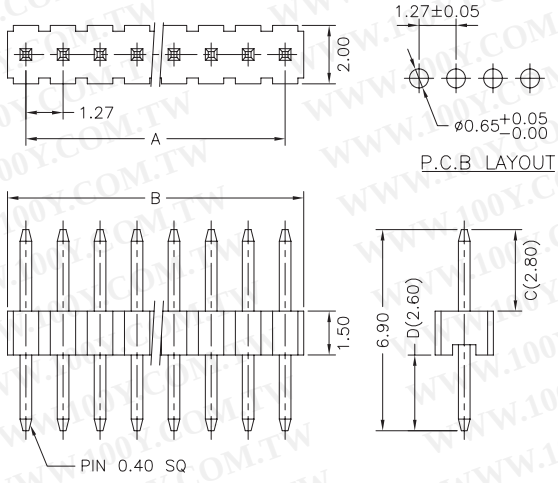
A1271WV

1.27mm pitch 180° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



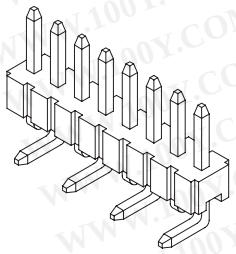
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1271WV-03P	2.54	3.81	A1271WV-18P	21.59	22.86
A1271WV-04P	3.81	5.08	A1271WV-19P	22.86	24.13
A1271WV-05P	5.08	6.35	A1271WV-20P	24.13	25.40
A1271WV-06P	6.35	7.62	A1271WV-21P	25.40	26.67
A1271WV-07P	7.62	8.89	A1271WV-22P	26.67	27.94
A1271WV-08P	8.89	10.16	A1271WV-23P	27.94	29.21
A1271WV-09P	10.16	11.43	A1271WV-24P	29.21	30.48
A1271WV-10P	11.43	12.70	A1271WV-25P	30.48	31.75
A1271WV-11P	12.70	13.97	A1271WV-26P	31.75	33.02
A1271WV-12P	13.97	15.24	A1271WV-27P	33.02	34.29
A1271WV-13P	15.24	16.51	A1271WV-28P	34.29	35.56
A1271WV-14P	16.51	17.78	A1271WV-29P	35.56	36.83
A1271WV-15P	17.78	19.05	A1271WV-30P	36.83	38.10
A1271WV-16P	19.05	20.32	A1271WV-31P	38.10	39.37
A1271WV-17P	20.32	21.59	A1271WV-32P	39.37	40.64

Unit:mm

A1271WV-S

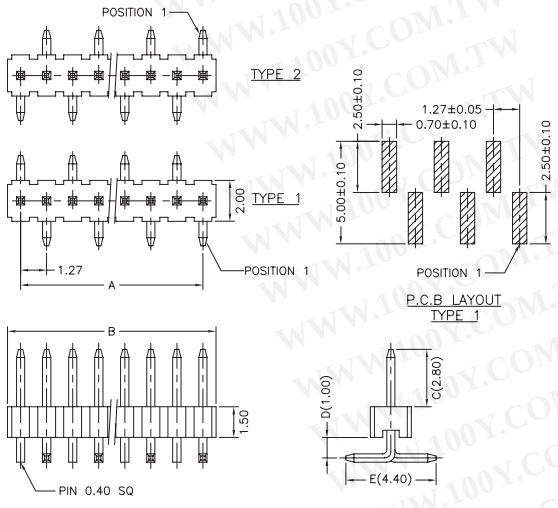
1.27mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

Ordering Information:
A1271WV-S-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



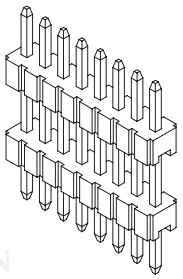
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1271WV-S-03P	2.54	3.81	A1271WV-S-18P	21.59	22.86
A1271WV-S-04P	3.81	5.08	A1271WV-S-19P	22.86	24.13
A1271WV-S-05P	5.08	6.35	A1271WV-S-20P	24.13	25.40
A1271WV-S-06P	6.35	7.62	A1271WV-S-21P	25.40	26.67
A1271WV-S-07P	7.62	8.89	A1271WV-S-22P	26.67	27.94
A1271WV-S-08P	8.89	10.16	A1271WV-S-23P	27.94	29.21
A1271WV-S-09P	10.16	11.43	A1271WV-S-24P	29.21	30.48
A1271WV-S-10P	11.43	12.70	A1271WV-S-25P	30.48	31.75
A1271WV-S-11P	12.70	13.97	A1271WV-S-26P	31.75	33.02
A1271WV-S-12P	13.97	15.24	A1271WV-S-27P	33.02	34.29
A1271WV-S-13P	15.24	16.51	A1271WV-S-28P	34.29	35.56
A1271WV-S-14P	16.51	17.78	A1271WV-S-29P	35.56	36.83
A1271WV-S-15P	17.78	19.05	A1271WV-S-30P	36.83	38.10
A1271WV-S-16P	19.05	20.32	A1271WV-S-31P	38.10	39.37
A1271WV-S-17P	20.32	21.59	A1271WV-S-32P	39.37	40.64

Unit:mm

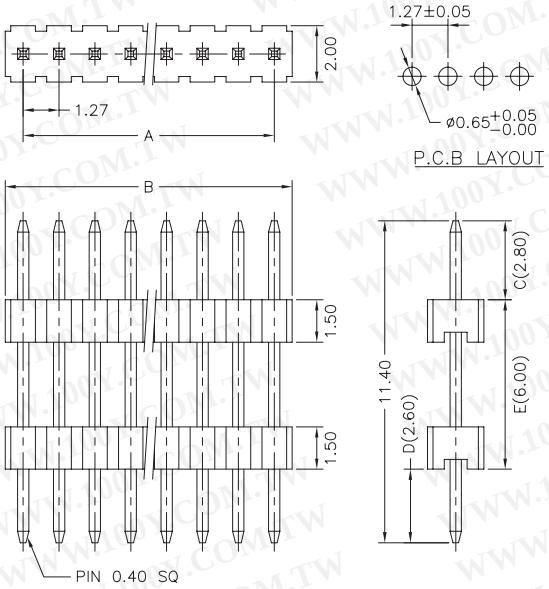
A1271WVA

1.27mm pitch 180° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



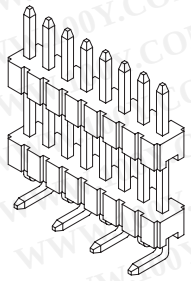
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1271WVA-03P	2.54	3.81	A1271WVA-18P	21.59	22.86
A1271WVA-04P	3.81	5.08	A1271WVA-19P	22.86	24.13
A1271WVA-05P	5.08	6.35	A1271WVA-20P	24.13	25.40
A1271WVA-06P	6.35	7.62	A1271WVA-21P	25.40	26.67
A1271WVA-07P	7.62	8.89	A1271WVA-22P	26.67	27.94
A1271WVA-08P	8.89	10.16	A1271WVA-23P	27.94	29.21
A1271WVA-09P	10.16	11.43	A1271WVA-24P	29.21	30.48
A1271WVA-10P	11.43	12.70	A1271WVA-25P	30.48	31.75
A1271WVA-11P	12.70	13.97	A1271WVA-26P	31.75	33.02
A1271WVA-12P	13.97	15.24	A1271WVA-27P	33.02	34.29
A1271WVA-13P	15.24	16.51	A1271WVA-28P	34.29	35.56
A1271WVA-14P	16.51	17.78	A1271WVA-29P	35.56	36.83
A1271WVA-15P	17.78	19.05	A1271WVA-30P	36.83	38.10
A1271WVA-16P	19.05	20.32	A1271WVA-31P	38.10	39.37
A1271WVA-17P	20.32	21.59	A1271WVA-32P	39.37	40.64

Unit:mm

A1271WVA-S

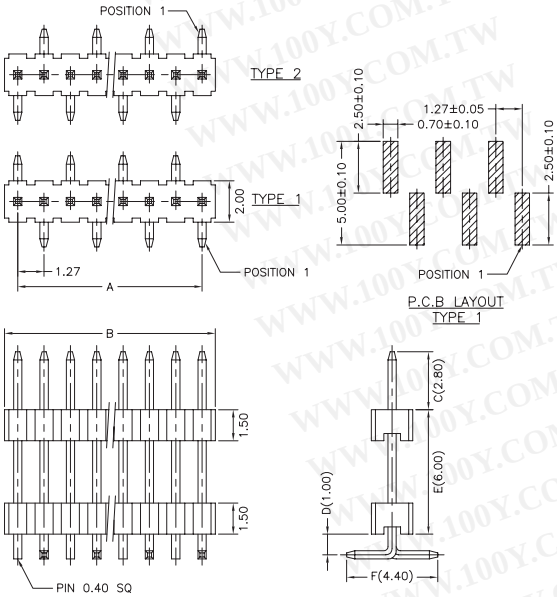
1.27mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

Ordering Information:
A1271WVA-S-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

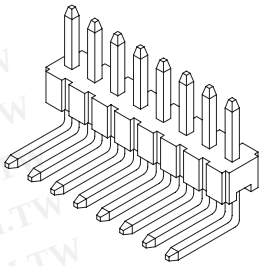
PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1271WVA-S-03P	2.54	3.81	A1271WVA-S-18P	21.59	22.86
A1271WVA-S-04P	3.81	5.08	A1271WVA-S-19P	22.86	24.13
A1271WVA-S-05P	5.08	6.35	A1271WVA-S-20P	24.13	25.40
A1271WVA-S-06P	6.35	7.62	A1271WVA-S-21P	25.40	26.67
A1271WVA-S-07P	7.62	8.89	A1271WVA-S-22P	26.67	27.94
A1271WVA-S-08P	8.89	10.16	A1271WVA-S-23P	27.94	29.21
A1271WVA-S-09P	10.16	11.43	A1271WVA-S-24P	29.21	30.48
A1271WVA-S-10P	11.43	12.70	A1271WVA-S-25P	30.48	31.75
A1271WVA-S-11P	12.70	13.97	A1271WVA-S-26P	31.75	33.02
A1271WVA-S-12P	13.97	15.24	A1271WVA-S-27P	33.02	34.29
A1271WVA-S-13P	15.24	16.51	A1271WVA-S-28P	34.29	35.56
A1271WVA-S-14P	16.51	17.78	A1271WVA-S-29P	35.56	36.83
A1271WVA-S-15P	17.78	19.05	A1271WVA-S-30P	36.83	38.10
A1271WVA-S-16P	19.05	20.32	A1271WVA-S-31P	38.10	39.37
A1271WVA-S-17P	20.32	21.59	A1271WVA-S-32P	39.37	40.64

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

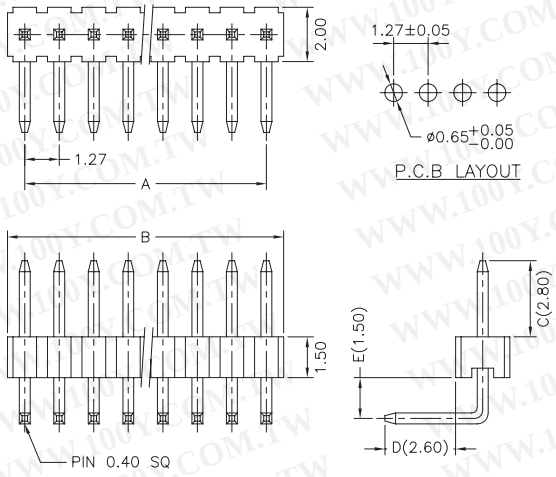
A1271WR

1.27mm pitch 90° Single Row Pin Header



Reference Informations:

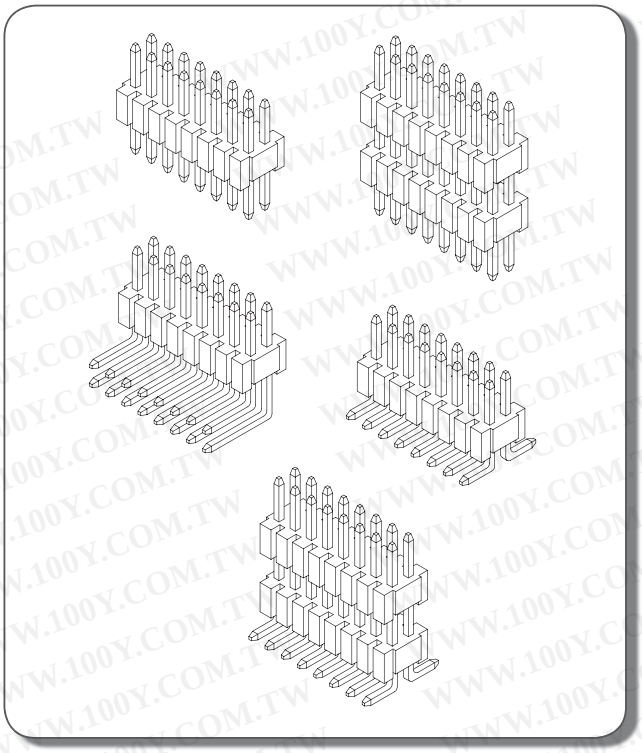
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1271WR-03P	2.54	3.81	A1271WR-18P	21.59	22.86
A1271WR-04P	3.81	5.08	A1271WR-19P	22.86	24.13
A1271WR-05P	5.08	6.35	A1271WR-20P	24.13	25.40
A1271WR-06P	6.35	7.62	A1271WR-21P	25.40	26.67
A1271WR-07P	7.62	8.89	A1271WR-22P	26.67	27.94
A1271WR-08P	8.89	10.16	A1271WR-23P	27.94	29.21
A1271WR-09P	10.16	11.43	A1271WR-24P	29.21	30.48
A1271WR-10P	11.43	12.70	A1271WR-25P	30.48	31.75
A1271WR-11P	12.70	13.97	A1271WR-26P	31.75	33.02
A1271WR-12P	13.97	15.24	A1271WR-27P	33.02	34.29
A1271WR-13P	15.24	16.51	A1271WR-28P	34.29	35.56
A1271WR-14P	16.51	17.78	A1271WR-29P	35.56	36.83
A1271WR-15P	17.78	19.05	A1271WR-30P	36.83	38.10
A1271WR-16P	19.05	20.32	A1271WR-31P	38.10	39.37
A1271WR-17P	20.32	21.59	A1271WR-32P	39.37	40.64

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

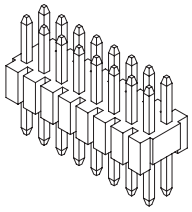
Ordering code

❶	❷	❸	❹		❺	❻
A1272	WV	A	-S	-	2X	05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ 2X=Dual row
❻ No. of circuits

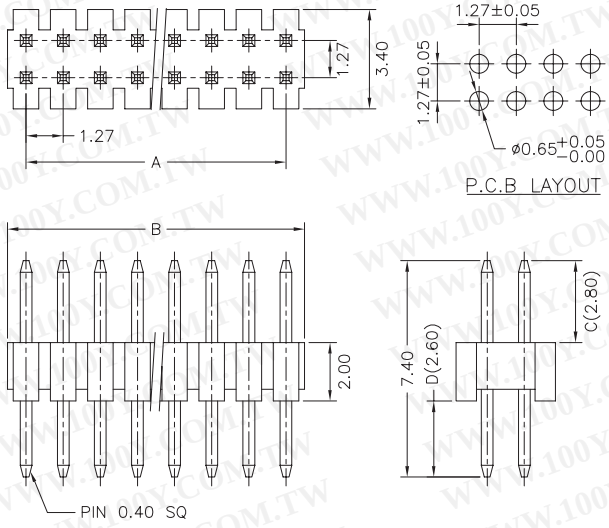
A1272WV-2

1.27mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



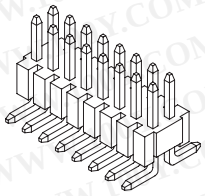
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1272WV-2X03P	2.54	3.81	A1272WV-2X27P	33.02	34.29
A1272WV-2X04P	3.81	5.08	A1272WV-2X28P	34.29	35.56
A1272WV-2X05P	5.08	6.35	A1272WV-2X29P	35.56	36.83
A1272WV-2X06P	6.35	7.62	A1272WV-2X30P	36.83	38.10
A1272WV-2X07P	7.62	8.89	A1272WV-2X31P	38.10	39.37
A1272WV-2X08P	8.89	10.16	A1272WV-2X32P	39.37	40.64
A1272WV-2X09P	10.16	11.43	A1272WV-2X33P	40.64	41.91
A1272WV-2X10P	11.43	12.70	A1272WV-2X34P	41.91	43.18
A1272WV-2X11P	12.70	13.97	A1272WV-2X35P	43.18	44.45
A1272WV-2X12P	13.97	15.24	A1272WV-2X36P	44.45	45.72
A1272WV-2X13P	15.24	16.51	A1272WV-2X37P	45.72	46.99
A1272WV-2X14P	16.51	17.78	A1272WV-2X38P	46.99	48.26
A1272WV-2X15P	17.78	19.05	A1272WV-2X39P	48.26	49.53
A1272WV-2X16P	19.05	20.32	A1272WV-2X40P	49.53	50.80
A1272WV-2X17P	20.32	21.59	A1272WV-2X41P	50.80	52.07
A1272WV-2X18P	21.59	22.86	A1272WV-2X42P	52.07	53.34
A1272WV-2X19P	22.86	24.13	A1272WV-2X43P	53.34	54.61
A1272WV-2X20P	24.13	25.40	A1272WV-2X44P	54.61	55.88
A1272WV-2X21P	25.40	26.67	A1272WV-2X45P	55.88	57.15
A1272WV-2X22P	26.67	27.94	A1272WV-2X46P	57.15	58.42
A1272WV-2X23P	27.94	29.21	A1272WV-2X47P	58.42	59.69
A1272WV-2X24P	29.21	30.48	A1272WV-2X48P	59.69	60.96
A1272WV-2X25P	30.48	31.75	A1272WV-2X49P	60.96	62.23
A1272WV-2X26P	31.75	33.02	A1272WV-2X50P	62.23	63.50

Unit:mm

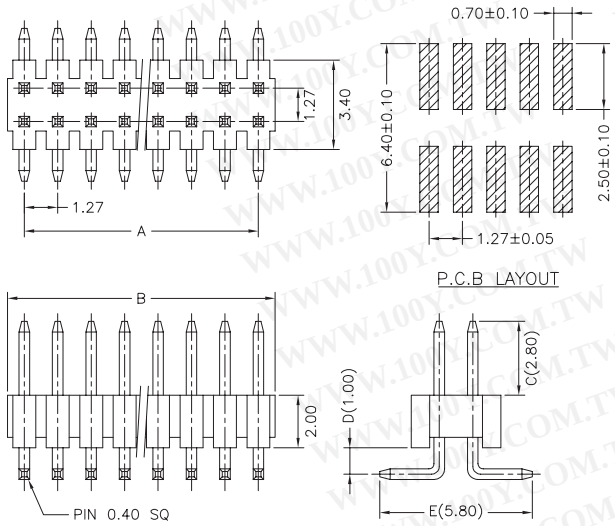
A1272WV-S-2

1.27mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

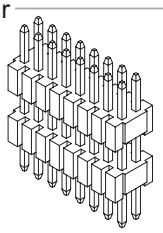
PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1272WV-S-2X03P	2.54	3.81	A1272WV-S-2X27P	33.02	34.29
A1272WV-S-2X04P	3.81	5.08	A1272WV-S-2X28P	34.29	35.56
A1272WV-S-2X05P	5.08	6.35	A1272WV-S-2X29P	35.56	36.83
A1272WV-S-2X06P	6.35	7.62	A1272WV-S-2X30P	36.83	38.10
A1272WV-S-2X07P	7.62	8.89	A1272WV-S-2X31P	38.10	39.37
A1272WV-S-2X08P	8.89	10.16	A1272WV-S-2X32P	39.37	40.64
A1272WV-S-2X09P	10.16	11.43	A1272WV-S-2X33P	40.64	41.91
A1272WV-S-2X10P	11.43	12.70	A1272WV-S-2X34P	41.91	43.18
A1272WV-S-2X11P	12.70	13.97	A1272WV-S-2X35P	43.18	44.45
A1272WV-S-2X12P	13.97	15.24	A1272WV-S-2X36P	44.45	45.72
A1272WV-S-2X13P	15.24	16.51	A1272WV-S-2X37P	45.72	46.99
A1272WV-S-2X14P	16.51	17.78	A1272WV-S-2X38P	46.99	48.26
A1272WV-S-2X15P	17.78	19.05	A1272WV-S-2X39P	48.26	49.53
A1272WV-S-2X16P	19.05	20.32	A1272WV-S-2X40P	49.53	50.80
A1272WV-S-2X17P	20.32	21.59	A1272WV-S-2X41P	50.80	52.07
A1272WV-S-2X18P	21.59	22.86	A1272WV-S-2X42P	52.07	53.34
A1272WV-S-2X19P	22.86	24.13	A1272WV-S-2X43P	53.34	54.61
A1272WV-S-2X20P	24.13	25.40	A1272WV-S-2X44P	54.61	55.88
A1272WV-S-2X21P	25.40	26.67	A1272WV-S-2X45P	55.88	57.15
A1272WV-S-2X22P	26.67	27.94	A1272WV-S-2X46P	57.15	58.42
A1272WV-S-2X23P	27.94	29.21	A1272WV-S-2X47P	58.42	59.69
A1272WV-S-2X24P	29.21	30.48	A1272WV-S-2X48P	59.69	60.96
A1272WV-S-2X25P	30.48	31.75	A1272WV-S-2X49P	60.96	62.23
A1272WV-S-2X26P	31.75	33.02	A1272WV-S-2X50P	62.23	63.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

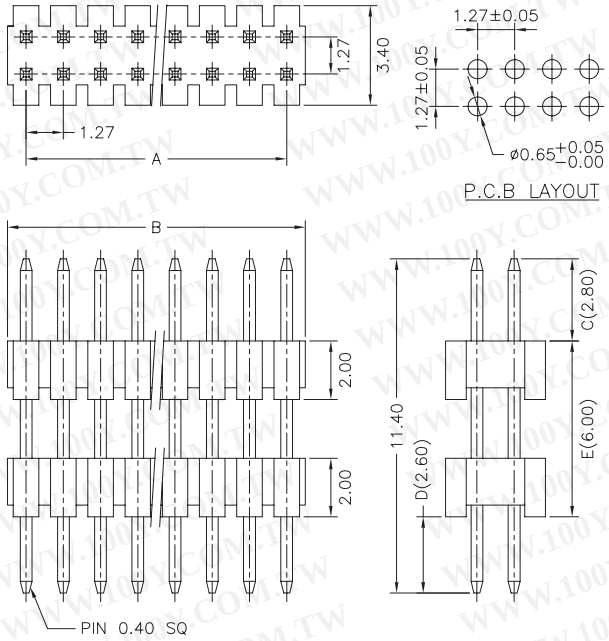
A1272WVA-2

1.27mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



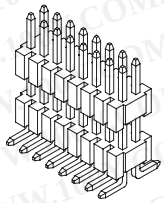
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1272WVA-2X03P	2.54	3.81	A1272WVA-2X27P	33.02	34.29
A1272WVA-2X04P	3.81	5.08	A1272WVA-2X28P	34.29	35.56
A1272WVA-2X05P	5.08	6.35	A1272WVA-2X29P	35.56	36.83
A1272WVA-2X06P	6.35	7.62	A1272WVA-2X30P	36.83	38.10
A1272WVA-2X07P	7.62	8.89	A1272WVA-2X31P	38.10	39.37
A1272WVA-2X08P	8.89	10.16	A1272WVA-2X32P	39.37	40.64
A1272WVA-2X09P	10.16	11.43	A1272WVA-2X33P	40.64	41.91
A1272WVA-2X10P	11.43	12.70	A1272WVA-2X34P	41.91	43.18
A1272WVA-2X11P	12.70	13.97	A1272WVA-2X35P	43.18	44.45
A1272WVA-2X12P	13.97	15.24	A1272WVA-2X36P	44.45	45.72
A1272WVA-2X13P	15.24	16.51	A1272WVA-2X37P	45.72	46.99
A1272WVA-2X14P	16.51	17.78	A1272WVA-2X38P	46.99	48.26
A1272WVA-2X15P	17.78	19.05	A1272WVA-2X39P	48.26	49.53
A1272WVA-2X16P	19.05	20.32	A1272WVA-2X40P	49.53	50.80
A1272WVA-2X17P	20.32	21.59	A1272WVA-2X41P	50.80	52.07
A1272WVA-2X18P	21.59	22.86	A1272WVA-2X42P	52.07	53.34
A1272WVA-2X19P	22.86	24.13	A1272WVA-2X43P	53.34	54.61
A1272WVA-2X20P	24.13	25.40	A1272WVA-2X44P	54.61	55.88
A1272WVA-2X21P	25.40	26.67	A1272WVA-2X45P	55.88	57.15
A1272WVA-2X22P	26.67	27.94	A1272WVA-2X46P	57.15	58.42
A1272WVA-2X23P	27.94	29.21	A1272WVA-2X47P	58.42	59.69
A1272WVA-2X24P	29.21	30.48	A1272WVA-2X48P	59.69	60.96
A1272WVA-2X25P	30.48	31.75	A1272WVA-2X49P	60.96	62.23
A1272WVA-2X26P	31.75	33.02	A1272WVA-2X50P	62.23	63.50

Unit:mm

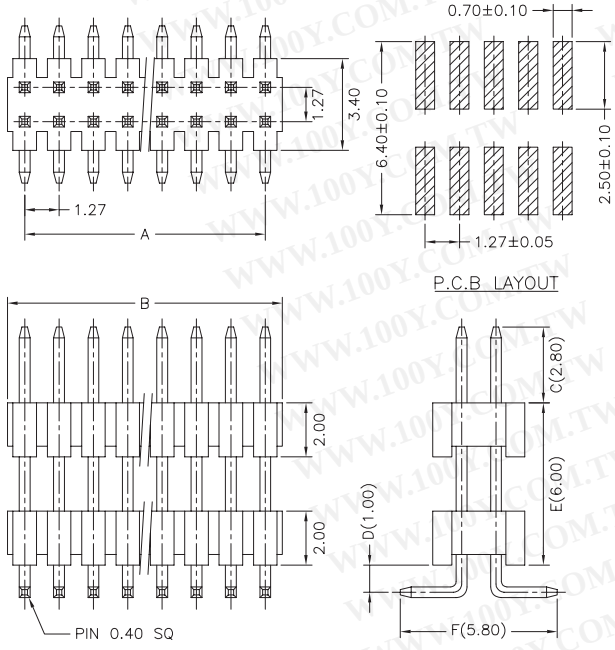
A1272WVA-S-2

1.27mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



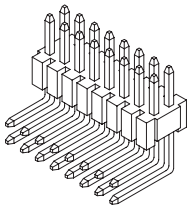
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1272WVA-S-2X03P	2.54	3.81	A1272WVA-S-2X27P	33.02	34.29
A1272WVA-S-2X04P	3.81	5.08	A1272WVA-S-2X28P	34.29	35.56
A1272WVA-S-2X05P	5.08	6.35	A1272WVA-S-2X29P	35.56	36.83
A1272WVA-S-2X06P	6.35	7.62	A1272WVA-S-2X30P	36.83	38.10
A1272WVA-S-2X07P	7.62	8.89	A1272WVA-S-2X31P	38.10	39.37
A1272WVA-S-2X08P	8.89	10.16	A1272WVA-S-2X32P	39.37	40.64
A1272WVA-S-2X09P	10.16	11.43	A1272WVA-S-2X33P	40.64	41.91
A1272WVA-S-2X10P	11.43	12.70	A1272WVA-S-2X34P	41.91	43.18
A1272WVA-S-2X11P	12.70	13.97	A1272WVA-S-2X35P	43.18	44.45
A1272WVA-S-2X12P	13.97	15.24	A1272WVA-S-2X36P	44.45	45.72
A1272WVA-S-2X13P	15.24	16.51	A1272WVA-S-2X37P	45.72	46.99
A1272WVA-S-2X14P	16.51	17.78	A1272WVA-S-2X38P	46.99	48.26
A1272WVA-S-2X15P	17.78	19.05	A1272WVA-S-2X39P	48.26	49.53
A1272WVA-S-2X16P	19.05	20.32	A1272WVA-S-2X40P	49.53	50.80
A1272WVA-S-2X17P	20.32	21.59	A1272WVA-S-2X41P	50.80	52.07
A1272WVA-S-2X18P	21.59	22.86	A1272WVA-S-2X42P	52.07	53.34
A1272WVA-S-2X19P	22.86	24.13	A1272WVA-S-2X43P	53.34	54.61
A1272WVA-S-2X20P	24.13	25.40	A1272WVA-S-2X44P	54.61	55.88
A1272WVA-S-2X21P	25.40	26.67	A1272WVA-S-2X45P	55.88	57.15
A1272WVA-S-2X22P	26.67	27.94	A1272WVA-S-2X46P	57.15	58.42
A1272WVA-S-2X23P	27.94	29.21	A1272WVA-S-2X47P	58.42	59.69
A1272WVA-S-2X24P	29.21	30.48	A1272WVA-S-2X48P	59.69	60.96
A1272WVA-S-2X25P	30.48	31.75	A1272WVA-S-2X49P	60.96	62.23
A1272WVA-S-2X26P	31.75	33.02	A1272WVA-S-2X50P	62.23	63.50

Unit:mm

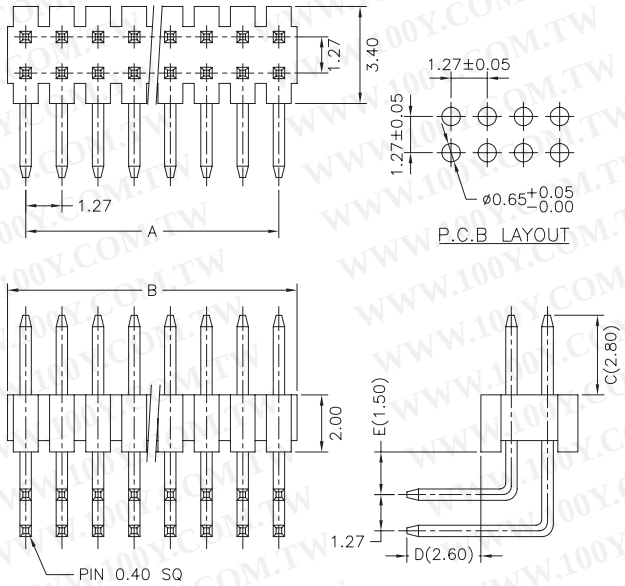
A1272WR-2

1.27mm pitch 90° Dual Row Pin Header



Reference Informations:

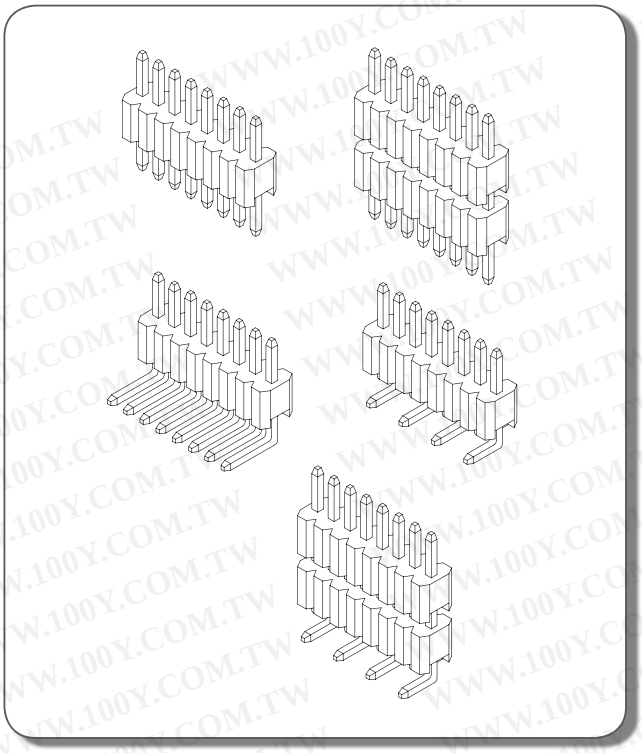
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1272WR-2X03P	2.54	3.81	A1272WR-2X27P	33.02	34.29
A1272WR-2X04P	3.81	5.08	A1272WR-2X28P	34.29	35.56
A1272WR-2X05P	5.08	6.35	A1272WR-2X29P	35.56	36.83
A1272WR-2X06P	6.35	7.62	A1272WR-2X30P	36.83	38.10
A1272WR-2X07P	7.62	8.89	A1272WR-2X31P	38.10	39.37
A1272WR-2X08P	8.89	10.16	A1272WR-2X32P	39.37	40.64
A1272WR-2X09P	10.16	11.43	A1272WR-2X33P	40.64	41.91
A1272WR-2X10P	11.43	12.70	A1272WR-2X34P	41.91	43.18
A1272WR-2X11P	12.70	13.97	A1272WR-2X35P	43.18	44.45
A1272WR-2X12P	13.97	15.24	A1272WR-2X36P	44.45	45.72
A1272WR-2X13P	15.24	16.51	A1272WR-2X37P	45.72	46.99
A1272WR-2X14P	16.51	17.78	A1272WR-2X38P	46.99	48.26
A1272WR-2X15P	17.78	19.05	A1272WR-2X39P	48.26	49.53
A1272WR-2X16P	19.05	20.32	A1272WR-2X40P	49.53	50.80
A1272WR-2X17P	20.32	21.59	A1272WR-2X41P	50.80	52.07
A1272WR-2X18P	21.59	22.86	A1272WR-2X42P	52.07	53.34
A1272WR-2X19P	22.86	24.13	A1272WR-2X43P	53.34	54.61
A1272WR-2X20P	24.13	25.40	A1272WR-2X44P	54.61	55.88
A1272WR-2X21P	25.40	26.67	A1272WR-2X45P	55.88	57.15
A1272WR-2X22P	26.67	27.94	A1272WR-2X46P	57.15	58.42
A1272WR-2X23P	27.94	29.21	A1272WR-2X47P	58.42	59.69
A1272WR-2X24P	29.21	30.48	A1272WR-2X48P	59.69	60.96
A1272WR-2X25P	30.48	31.75	A1272WR-2X49P	60.96	62.23
A1272WR-2X26P	31.75	33.02	A1272WR-2X50P	62.23	63.50

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
A1273 WV A -S- 05P

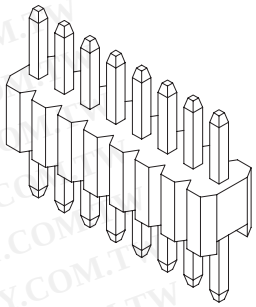
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ No. of circuits

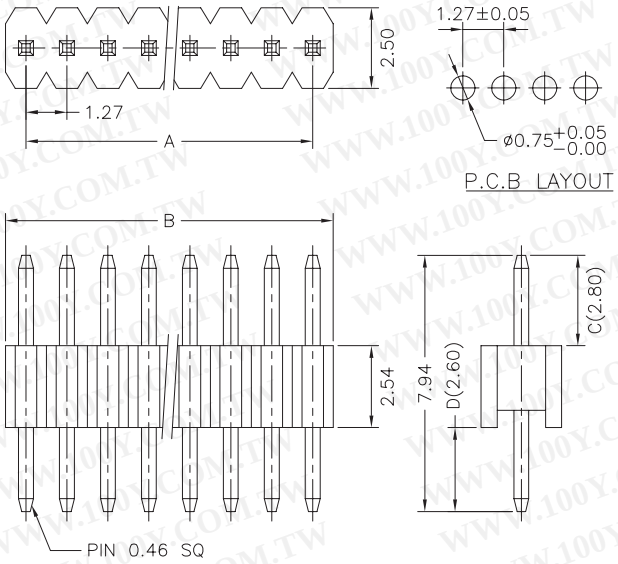
A1273WV

1.27mm pitch 180° Single Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1273WV-03P	2.54	3.81	A1273WV-18P	21.59	22.86
A1273WV-04P	3.81	5.08	A1273WV-19P	22.86	24.13
A1273WV-05P	5.08	6.35	A1273WV-20P	24.13	25.40
A1273WV-06P	6.35	7.62	A1273WV-21P	25.40	26.67
A1273WV-07P	7.62	8.89	A1273WV-22P	26.67	27.94
A1273WV-08P	8.89	10.16	A1273WV-23P	27.94	29.21
A1273WV-09P	10.16	11.43	A1273WV-24P	29.21	30.48
A1273WV-10P	11.43	12.70	A1273WV-25P	30.48	31.75
A1273WV-11P	12.70	13.97	A1273WV-26P	31.75	33.02
A1273WV-12P	13.97	15.24	A1273WV-27P	33.02	34.29
A1273WV-13P	15.24	16.51	A1273WV-28P	34.29	35.56
A1273WV-14P	16.51	17.78	A1273WV-29P	35.56	36.83
A1273WV-15P	17.78	19.05	A1273WV-30P	36.83	38.10
A1273WV-16P	19.05	20.32	A1273WV-31P	38.10	39.37
A1273WV-17P	20.32	21.59	A1273WV-32P	39.37	40.64

Unit:mm

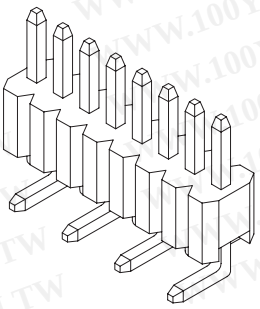
A1273WV-S

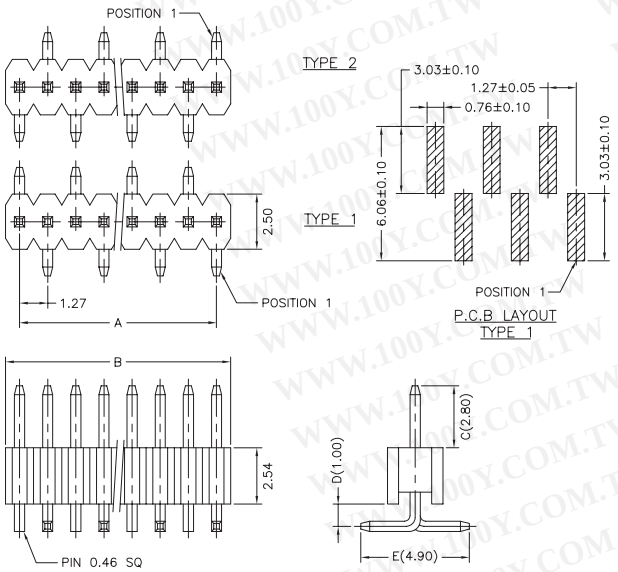
1.27mm pitch 180° Single Row Pin Header - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

Ordering Information:
A1273WV-S-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1273WV-S-03P	2.54	3.81	A1273WV-S-18P	21.59	22.86
A1273WV-S-04P	3.81	5.08	A1273WV-S-19P	22.86	24.13
A1273WV-S-05P	5.08	6.35	A1273WV-S-20P	24.13	25.40
A1273WV-S-06P	6.35	7.62	A1273WV-S-21P	25.40	26.67
A1273WV-S-07P	7.62	8.89	A1273WV-S-22P	26.67	27.94
A1273WV-S-08P	8.89	10.16	A1273WV-S-23P	27.94	29.21
A1273WV-S-09P	10.16	11.43	A1273WV-S-24P	29.21	30.48
A1273WV-S-10P	11.43	12.70	A1273WV-S-25P	30.48	31.75
A1273WV-S-11P	12.70	13.97	A1273WV-S-26P	31.75	33.02
A1273WV-S-12P	13.97	15.24	A1273WV-S-27P	33.02	34.29
A1273WV-S-13P	15.24	16.51	A1273WV-S-28P	34.29	35.56
A1273WV-S-14P	16.51	17.78	A1273WV-S-29P	35.56	36.83
A1273WV-S-15P	17.78	19.05	A1273WV-S-30P	36.83	38.10
A1273WV-S-16P	19.05	20.32	A1273WV-S-31P	38.10	39.37
A1273WV-S-17P	20.32	21.59	A1273WV-S-32P	39.37	40.64

Unit:mm

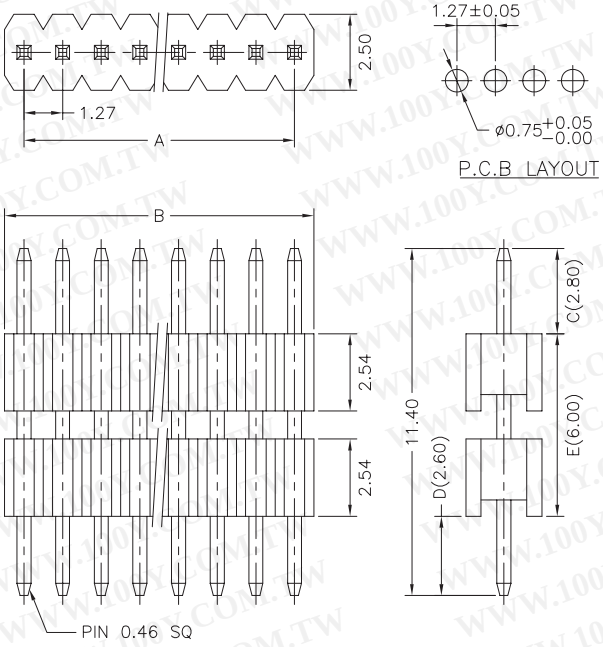
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

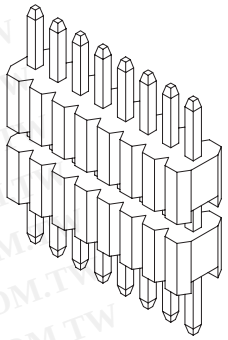
A1273WVA

1.27mm pitch 180° Single Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1273WVA-03P	2.54	3.81
A1273WVA-04P	3.81	5.08
A1273WVA-05P	5.08	6.35
A1273WVA-06P	6.35	7.62
A1273WVA-07P	7.62	8.89
A1273WVA-08P	8.89	10.16
A1273WVA-09P	10.16	11.43
A1273WVA-10P	11.43	12.70
A1273WVA-11P	12.70	13.97
A1273WVA-12P	13.97	15.24
A1273WVA-13P	15.24	16.51
A1273WVA-14P	16.51	17.78
A1273WVA-15P	17.78	19.05
A1273WVA-16P	19.05	20.32
A1273WVA-17P	20.32	21.59

PART NO.	Dimensions	
	A	B
A1273WVA-18P	21.59	22.86
A1273WVA-19P	22.86	24.13
A1273WVA-20P	24.13	25.40
A1273WVA-21P	25.40	26.67
A1273WVA-22P	26.67	27.94
A1273WVA-23P	27.94	29.21
A1273WVA-24P	29.21	30.48
A1273WVA-25P	30.48	31.75
A1273WVA-26P	31.75	33.02
A1273WVA-27P	33.02	34.29
A1273WVA-28P	34.29	35.56
A1273WVA-29P	35.56	36.83
A1273WVA-30P	36.83	38.10
A1273WVA-31P	38.10	39.37
A1273WVA-32P	39.37	40.64

Unit:mm

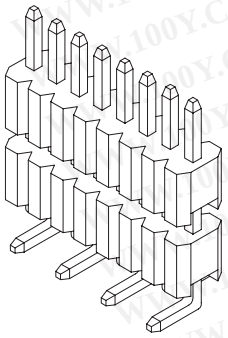
A1273WVA-S

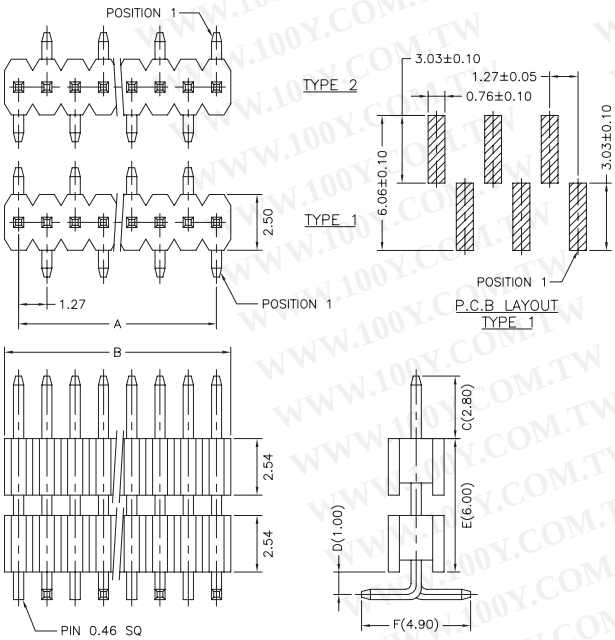
1.27mm pitch 180° Single Row Pin Header - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

Ordering Information:
A1273WVA-S-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1273WVA-S-03P	2.54	3.81
A1273WVA-S-04P	3.81	5.08
A1273WVA-S-05P	5.08	6.35
A1273WVA-S-06P	6.35	7.62
A1273WVA-S-07P	7.62	8.89
A1273WVA-S-08P	8.89	10.16
A1273WVA-S-09P	10.16	11.43
A1273WVA-S-10P	11.43	12.70
A1273WVA-S-11P	12.70	13.97
A1273WVA-S-12P	13.97	15.24
A1273WVA-S-13P	15.24	16.51
A1273WVA-S-14P	16.51	17.78
A1273WVA-S-15P	17.78	19.05
A1273WVA-S-16P	19.05	20.32
A1273WVA-S-17P	20.32	21.59

PART NO.	Dimensions	
	A	B
A1273WVA-S-18P	21.59	22.86
A1273WVA-S-19P	22.86	24.13
A1273WVA-S-20P	24.13	25.40
A1273WVA-S-21P	25.40	26.67
A1273WVA-S-22P	26.67	27.94
A1273WVA-S-23P	27.94	29.21
A1273WVA-S-24P	29.21	30.48
A1273WVA-S-25P	30.48	31.75
A1273WVA-S-26P	31.75	33.02
A1273WVA-S-27P	33.02	34.29
A1273WVA-S-28P	34.29	35.56
A1273WVA-S-29P	35.56	36.83
A1273WVA-S-30P	36.83	38.10
A1273WVA-S-31P	38.10	39.37
A1273WVA-S-32P	39.37	40.64

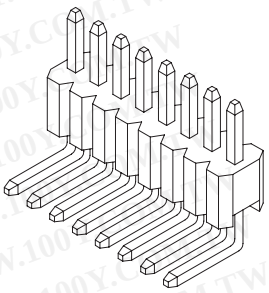
Unit:mm

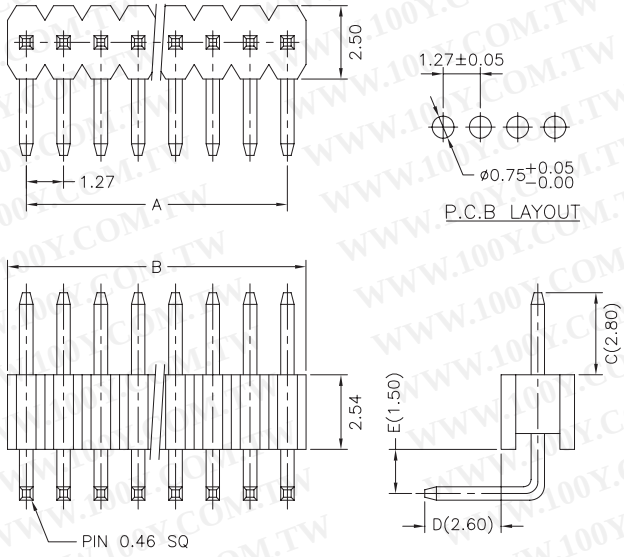
A1273WR

1.27mm pitch 90° Single Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

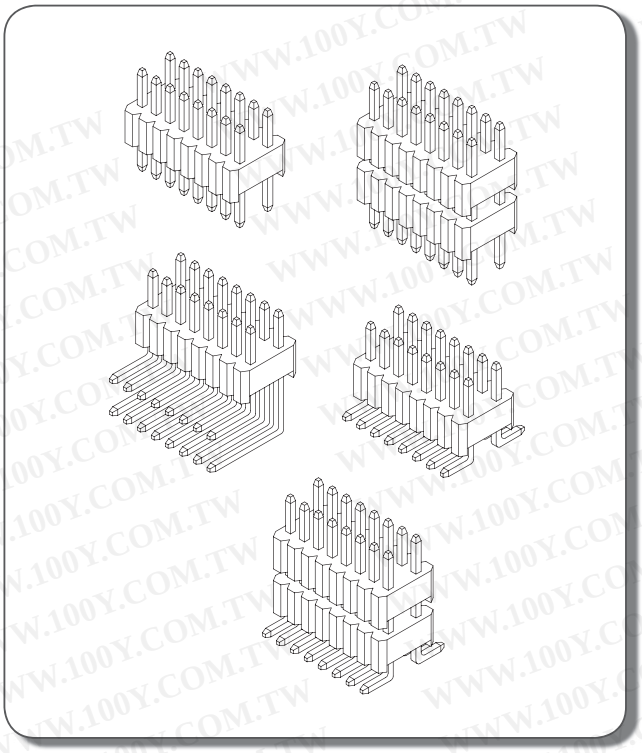




Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1273WR-03P	2.54	3.81	A1273WR-18P	21.59	22.86
A1273WR-04P	3.81	5.08	A1273WR-19P	22.86	24.13
A1273WR-05P	5.08	6.35	A1273WR-20P	24.13	25.40
A1273WR-06P	6.35	7.62	A1273WR-21P	25.40	26.67
A1273WR-07P	7.62	8.89	A1273WR-22P	26.67	27.94
A1273WR-08P	8.89	10.16	A1273WR-23P	27.94	29.21
A1273WR-09P	10.16	11.43	A1273WR-24P	29.21	30.48
A1273WR-10P	11.43	12.70	A1273WR-25P	30.48	31.75
A1273WR-11P	12.70	13.97	A1273WR-26P	31.75	33.02
A1273WR-12P	13.97	15.24	A1273WR-27P	33.02	34.29
A1273WR-13P	15.24	16.51	A1273WR-28P	34.29	35.56
A1273WR-14P	16.51	17.78	A1273WR-29P	35.56	36.83
A1273WR-15P	17.78	19.05	A1273WR-30P	36.83	38.10
A1273WR-16P	19.05	20.32	A1273WR-31P	38.10	39.37
A1273WR-17P	20.32	21.59	A1273WR-32P	39.37	40.64

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

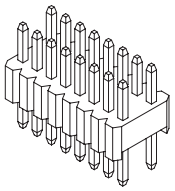
Ordering code

❶	❷	❸	❹		❺	❻
A1274	WV	A	-S	-	2X	05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ 2X=Dual row
❻ No. of circuits

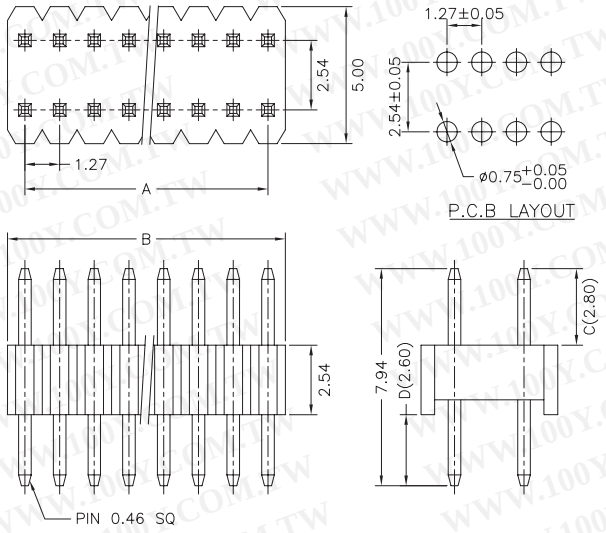
A1274WV-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



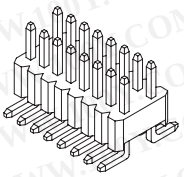
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1274WV-2X03P	2.54	3.81	A1274WV-2X27P	33.02	34.29
A1274WV-2X04P	3.81	5.08	A1274WV-2X28P	34.29	35.56
A1274WV-2X05P	5.08	6.35	A1274WV-2X29P	35.56	36.83
A1274WV-2X06P	6.35	7.62	A1274WV-2X30P	36.83	38.10
A1274WV-2X07P	7.62	8.89	A1274WV-2X31P	38.10	39.37
A1274WV-2X08P	8.89	10.16	A1274WV-2X32P	39.37	40.64
A1274WV-2X09P	10.16	11.43	A1274WV-2X33P	40.64	41.91
A1274WV-2X10P	11.43	12.70	A1274WV-2X34P	41.91	43.18
A1274WV-2X11P	12.70	13.97	A1274WV-2X35P	43.18	44.45
A1274WV-2X12P	13.97	15.24	A1274WV-2X36P	44.45	45.72
A1274WV-2X13P	15.24	16.51	A1274WV-2X37P	45.72	46.99
A1274WV-2X14P	16.51	17.78	A1274WV-2X38P	46.99	48.26
A1274WV-2X15P	17.78	19.05	A1274WV-2X39P	48.26	49.53
A1274WV-2X16P	19.05	20.32	A1274WV-2X40P	49.53	50.80
A1274WV-2X17P	20.32	21.59	A1274WV-2X41P	50.80	52.07
A1274WV-2X18P	21.59	22.86	A1274WV-2X42P	52.07	53.34
A1274WV-2X19P	22.86	24.13	A1274WV-2X43P	53.34	54.61
A1274WV-2X20P	24.13	25.40	A1274WV-2X44P	54.61	55.88
A1274WV-2X21P	25.40	26.67	A1274WV-2X45P	55.88	57.15
A1274WV-2X22P	26.67	27.94	A1274WV-2X46P	57.15	58.42
A1274WV-2X23P	27.94	29.21	A1274WV-2X47P	58.42	59.69
A1274WV-2X24P	29.21	30.48	A1274WV-2X48P	59.69	60.96
A1274WV-2X25P	30.48	31.75	A1274WV-2X49P	60.96	62.23
A1274WV-2X26P	31.75	33.02	A1274WV-2X50P	62.23	63.50

Unit:mm

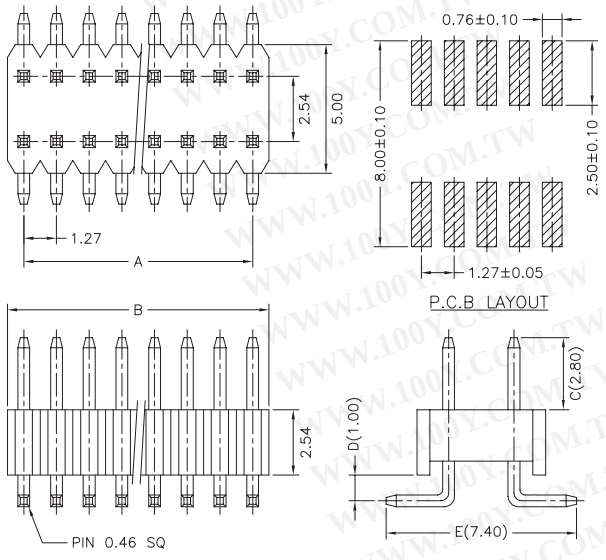
A1274WV-S-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



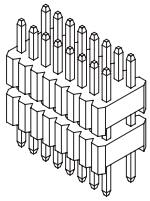
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1274WV-S-2X03P	2.54	3.81	A1274WV-S-2X27P	33.02	34.29
A1274WV-S-2X04P	3.81	5.08	A1274WV-S-2X28P	34.29	35.56
A1274WV-S-2X05P	5.08	6.35	A1274WV-S-2X29P	35.56	36.83
A1274WV-S-2X06P	6.35	7.62	A1274WV-S-2X30P	36.83	38.10
A1274WV-S-2X07P	7.62	8.89	A1274WV-S-2X31P	38.10	39.37
A1274WV-S-2X08P	8.89	10.16	A1274WV-S-2X32P	39.37	40.64
A1274WV-S-2X09P	10.16	11.43	A1274WV-S-2X33P	40.64	41.91
A1274WV-S-2X10P	11.43	12.70	A1274WV-S-2X34P	41.91	43.18
A1274WV-S-2X11P	12.70	13.97	A1274WV-S-2X35P	43.18	44.45
A1274WV-S-2X12P	13.97	15.24	A1274WV-S-2X36P	44.45	45.72
A1274WV-S-2X13P	15.24	16.51	A1274WV-S-2X37P	45.72	46.99
A1274WV-S-2X14P	16.51	17.78	A1274WV-S-2X38P	46.99	48.26
A1274WV-S-2X15P	17.78	19.05	A1274WV-S-2X39P	48.26	49.53
A1274WV-S-2X16P	19.05	20.32	A1274WV-S-2X40P	49.53	50.80
A1274WV-S-2X17P	20.32	21.59	A1274WV-S-2X41P	50.80	52.07
A1274WV-S-2X18P	21.59	22.86	A1274WV-S-2X42P	52.07	53.34
A1274WV-S-2X19P	22.86	24.13	A1274WV-S-2X43P	53.34	54.61
A1274WV-S-2X20P	24.13	25.40	A1274WV-S-2X44P	54.61	55.88
A1274WV-S-2X21P	25.40	26.67	A1274WV-S-2X45P	55.88	57.15
A1274WV-S-2X22P	26.67	27.94	A1274WV-S-2X46P	57.15	58.42
A1274WV-S-2X23P	27.94	29.21	A1274WV-S-2X47P	58.42	59.69
A1274WV-S-2X24P	29.21	30.48	A1274WV-S-2X48P	59.69	60.96
A1274WV-S-2X25P	30.48	31.75	A1274WV-S-2X49P	60.96	62.23
A1274WV-S-2X26P	31.75	33.02	A1274WV-S-2X50P	62.23	63.50

Unit:mm

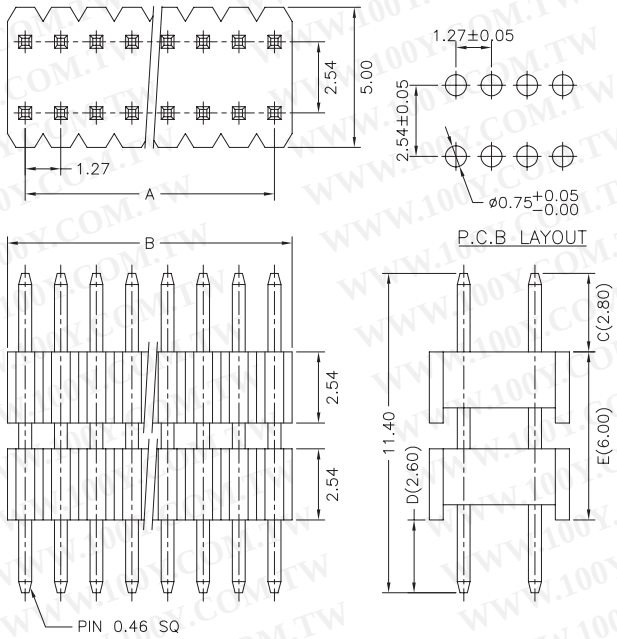
A1274WVA-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



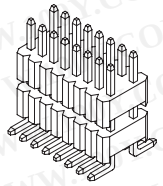
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1274WVA-2X03P	2.54	3.81	A1274WVA-2X27P	33.02	34.29
A1274WVA-2X04P	3.81	5.08	A1274WVA-2X28P	34.29	35.56
A1274WVA-2X05P	5.08	6.35	A1274WVA-2X29P	35.56	36.83
A1274WVA-2X06P	6.35	7.62	A1274WVA-2X30P	36.83	38.10
A1274WVA-2X07P	7.62	8.89	A1274WVA-2X31P	38.10	39.37
A1274WVA-2X08P	8.89	10.16	A1274WVA-2X32P	39.37	40.64
A1274WVA-2X09P	10.16	11.43	A1274WVA-2X33P	40.64	41.91
A1274WVA-2X10P	11.43	12.70	A1274WVA-2X34P	41.91	43.18
A1274WVA-2X11P	12.70	13.97	A1274WVA-2X35P	43.18	44.45
A1274WVA-2X12P	13.97	15.24	A1274WVA-2X36P	44.45	45.72
A1274WVA-2X13P	15.24	16.51	A1274WVA-2X37P	45.72	46.99
A1274WVA-2X14P	16.51	17.78	A1274WVA-2X38P	46.99	48.26
A1274WVA-2X15P	17.78	19.05	A1274WVA-2X39P	48.26	49.53
A1274WVA-2X16P	19.05	20.32	A1274WVA-2X40P	49.53	50.80
A1274WVA-2X17P	20.32	21.59	A1274WVA-2X41P	50.80	52.07
A1274WVA-2X18P	21.59	22.86	A1274WVA-2X42P	52.07	53.34
A1274WVA-2X19P	22.86	24.13	A1274WVA-2X43P	53.34	54.61
A1274WVA-2X20P	24.13	25.40	A1274WVA-2X44P	54.61	55.88
A1274WVA-2X21P	25.40	26.67	A1274WVA-2X45P	55.88	57.15
A1274WVA-2X22P	26.67	27.94	A1274WVA-2X46P	57.15	58.42
A1274WVA-2X23P	27.94	29.21	A1274WVA-2X47P	58.42	59.69
A1274WVA-2X24P	29.21	30.48	A1274WVA-2X48P	59.69	60.96
A1274WVA-2X25P	30.48	31.75	A1274WVA-2X49P	60.96	62.23
A1274WVA-2X26P	31.75	33.02	A1274WVA-2X50P	62.23	63.50

Unit:mm

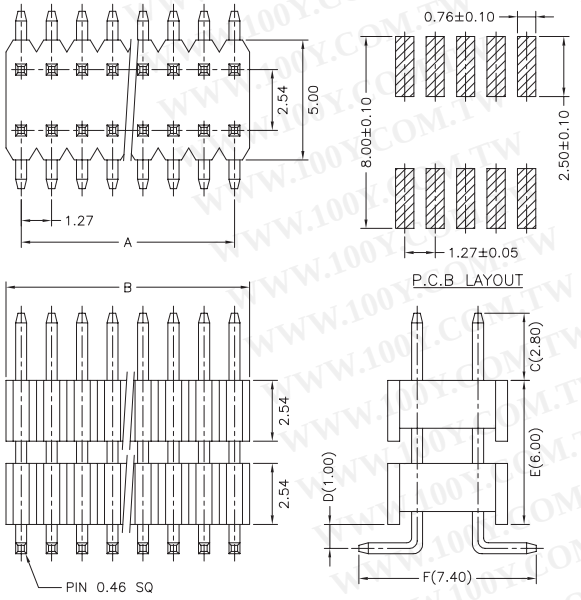
A1274WVA-S-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



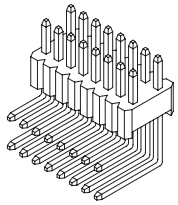
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1274WVA-S-2X03P	2.54	3.81	A1274WVA-S-2X27P	33.02	34.29
A1274WVA-S-2X04P	3.81	5.08	A1274WVA-S-2X28P	34.29	35.56
A1274WVA-S-2X05P	5.08	6.35	A1274WVA-S-2X29P	35.56	36.83
A1274WVA-S-2X06P	6.35	7.62	A1274WVA-S-2X30P	36.83	38.10
A1274WVA-S-2X07P	7.62	8.89	A1274WVA-S-2X31P	38.10	39.37
A1274WVA-S-2X08P	8.89	10.16	A1274WVA-S-2X32P	39.37	40.64
A1274WVA-S-2X09P	10.16	11.43	A1274WVA-S-2X33P	40.64	41.91
A1274WVA-S-2X10P	11.43	12.70	A1274WVA-S-2X34P	41.91	43.18
A1274WVA-S-2X11P	12.70	13.97	A1274WVA-S-2X35P	43.18	44.45
A1274WVA-S-2X12P	13.97	15.24	A1274WVA-S-2X36P	44.45	45.72
A1274WVA-S-2X13P	15.24	16.51	A1274WVA-S-2X37P	45.72	46.99
A1274WVA-S-2X14P	16.51	17.78	A1274WVA-S-2X38P	46.99	48.26
A1274WVA-S-2X15P	17.78	19.05	A1274WVA-S-2X39P	48.26	49.53
A1274WVA-S-2X16P	19.05	20.32	A1274WVA-S-2X40P	49.53	50.80
A1274WVA-S-2X17P	20.32	21.59	A1274WVA-S-2X41P	50.80	52.07
A1274WVA-S-2X18P	21.59	22.86	A1274WVA-S-2X42P	52.07	53.34
A1274WVA-S-2X19P	22.86	24.13	A1274WVA-S-2X43P	53.34	54.61
A1274WVA-S-2X20P	24.13	25.40	A1274WVA-S-2X44P	54.61	55.88
A1274WVA-S-2X21P	25.40	26.67	A1274WVA-S-2X45P	55.88	57.15
A1274WVA-S-2X22P	26.67	27.94	A1274WVA-S-2X46P	57.15	58.42
A1274WVA-S-2X23P	27.94	29.21	A1274WVA-S-2X47P	58.42	59.69
A1274WVA-S-2X24P	29.21	30.48	A1274WVA-S-2X48P	59.69	60.96
A1274WVA-S-2X25P	30.48	31.75	A1274WVA-S-2X49P	60.96	62.23
A1274WVA-S-2X26P	31.75	33.02	A1274WVA-S-2X50P	62.23	63.50

Unit:mm

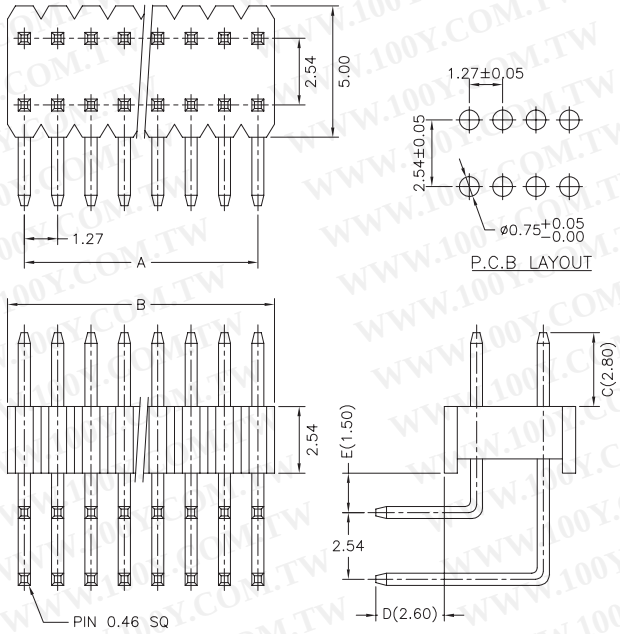
A1274WR-2

1.27mm X 2.54mm pitch 90° Dual Row Pin Header



Reference Informations:

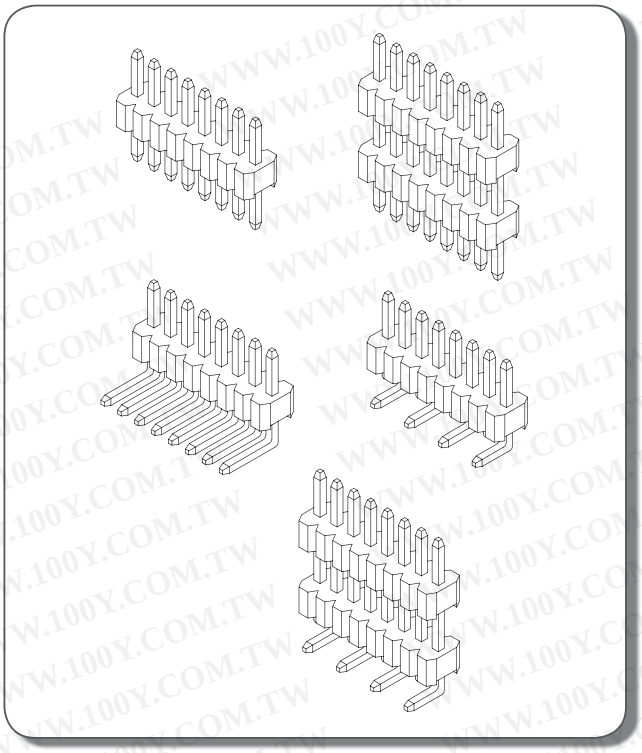
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1274WR-2X03P	2.54	3.81	A1274WR-2X27P	33.02	34.29
A1274WR-2X04P	3.81	5.08	A1274WR-2X28P	34.29	35.56
A1274WR-2X05P	5.08	6.35	A1274WR-2X29P	35.56	36.83
A1274WR-2X06P	6.35	7.62	A1274WR-2X30P	36.83	38.10
A1274WR-2X07P	7.62	8.89	A1274WR-2X31P	38.10	39.37
A1274WR-2X08P	8.89	10.16	A1274WR-2X32P	39.37	40.64
A1274WR-2X09P	10.16	11.43	A1274WR-2X33P	40.64	41.91
A1274WR-2X10P	11.43	12.70	A1274WR-2X34P	41.91	43.18
A1274WR-2X11P	12.70	13.97	A1274WR-2X35P	43.18	44.45
A1274WR-2X12P	13.97	15.24	A1274WR-2X36P	44.45	45.72
A1274WR-2X13P	15.24	16.51	A1274WR-2X37P	45.72	46.99
A1274WR-2X14P	16.51	17.78	A1274WR-2X38P	46.99	48.26
A1274WR-2X15P	17.78	19.05	A1274WR-2X39P	48.26	49.53
A1274WR-2X16P	19.05	20.32	A1274WR-2X40P	49.53	50.80
A1274WR-2X17P	20.32	21.59	A1274WR-2X41P	50.80	52.07
A1274WR-2X18P	21.59	22.86	A1274WR-2X42P	52.07	53.34
A1274WR-2X19P	22.86	24.13	A1274WR-2X43P	53.34	54.61
A1274WR-2X20P	24.13	25.40	A1274WR-2X44P	54.61	55.88
A1274WR-2X21P	25.40	26.67	A1274WR-2X45P	55.88	57.15
A1274WR-2X22P	26.67	27.94	A1274WR-2X46P	57.15	58.42
A1274WR-2X23P	27.94	29.21	A1274WR-2X47P	58.42	59.69
A1274WR-2X24P	29.21	30.48	A1274WR-2X48P	59.69	60.96
A1274WR-2X25P	30.48	31.75	A1274WR-2X49P	60.96	62.23
A1274WR-2X26P	31.75	33.02	A1274WR-2X50P	62.23	63.50

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
A1275 WV A -S- 05P

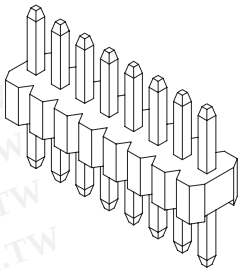
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ No. of circuits

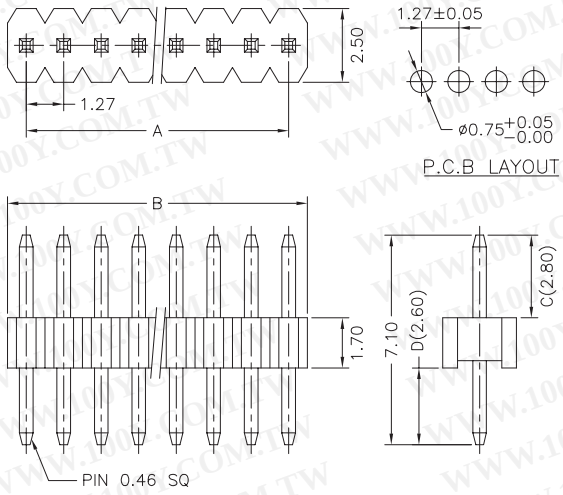
A1275WV

1.27mm pitch 180° Single Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1275WV-03P	2.54	3.81	A1275WV-18P	21.59	22.86
A1275WV-04P	3.81	5.08	A1275WV-19P	22.86	24.13
A1275WV-05P	5.08	6.35	A1275WV-20P	24.13	25.40
A1275WV-06P	6.35	7.62	A1275WV-21P	25.40	26.67
A1275WV-07P	7.62	8.89	A1275WV-22P	26.67	27.94
A1275WV-08P	8.89	10.16	A1275WV-23P	27.94	29.21
A1275WV-09P	10.16	11.43	A1275WV-24P	29.21	30.48
A1275WV-10P	11.43	12.70	A1275WV-25P	30.48	31.75
A1275WV-11P	12.70	13.97	A1275WV-26P	31.75	33.02
A1275WV-12P	13.97	15.24	A1275WV-27P	33.02	34.29
A1275WV-13P	15.24	16.51	A1275WV-28P	34.29	35.56
A1275WV-14P	16.51	17.78	A1275WV-29P	35.56	36.83
A1275WV-15P	17.78	19.05	A1275WV-30P	36.83	38.10
A1275WV-16P	19.05	20.32	A1275WV-31P	38.10	39.37
A1275WV-17P	20.32	21.59	A1275WV-32P	39.37	40.64

Unit:mm

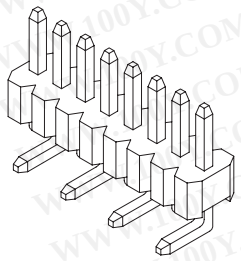
A1275WV-S

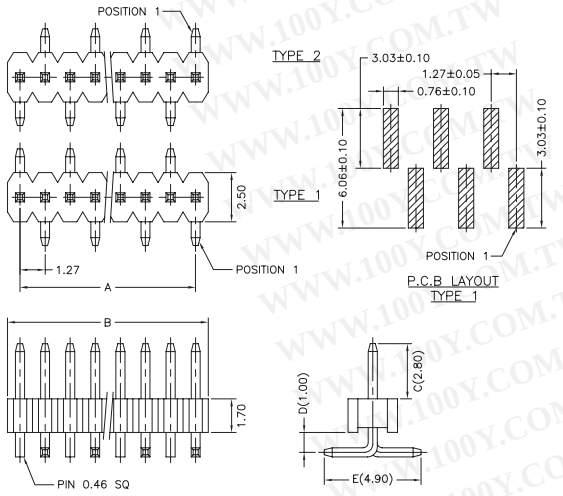
1.27mm pitch 180° Single Row Pin Header - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

Ordering Information:
A1275WV-S-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2





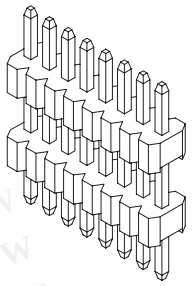
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1275WV-S-03P	2.54	3.81	A1275WV-S-18P	21.59	22.86
A1275WV-S-04P	3.81	5.08	A1275WV-S-19P	22.86	24.13
A1275WV-S-05P	5.08	6.35	A1275WV-S-20P	24.13	25.40
A1275WV-S-06P	6.35	7.62	A1275WV-S-21P	25.40	26.67
A1275WV-S-07P	7.62	8.89	A1275WV-S-22P	26.67	27.94
A1275WV-S-08P	8.89	10.16	A1275WV-S-23P	27.94	29.21
A1275WV-S-09P	10.16	11.43	A1275WV-S-24P	29.21	30.48
A1275WV-S-10P	11.43	12.70	A1275WV-S-25P	30.48	31.75
A1275WV-S-11P	12.70	13.97	A1275WV-S-26P	31.75	33.02
A1275WV-S-12P	13.97	15.24	A1275WV-S-27P	33.02	34.29
A1275WV-S-13P	15.24	16.51	A1275WV-S-28P	34.29	35.56
A1275WV-S-14P	16.51	17.78	A1275WV-S-29P	35.56	36.83
A1275WV-S-15P	17.78	19.05	A1275WV-S-30P	36.83	38.10
A1275WV-S-16P	19.05	20.32	A1275WV-S-31P	38.10	39.37
A1275WV-S-17P	20.32	21.59	A1275WV-S-32P	39.37	40.64

Unit:mm

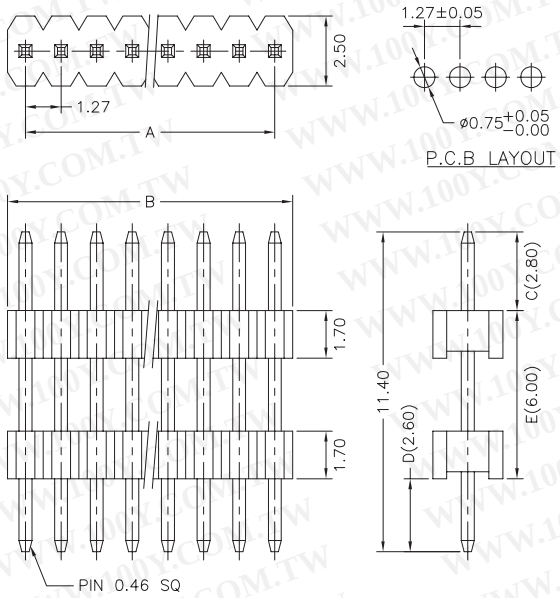
A1275WVA

1.27mm pitch 180° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



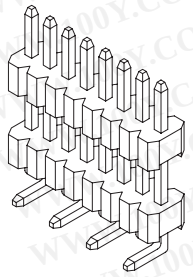
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1275WVA-03P	2.54	3.81	A1275WVA-18P	21.59	22.86
A1275WVA-04P	3.81	5.08	A1275WVA-19P	22.86	24.13
A1275WVA-05P	5.08	6.35	A1275WVA-20P	24.13	25.40
A1275WVA-06P	6.35	7.62	A1275WVA-21P	25.40	26.67
A1275WVA-07P	7.62	8.89	A1275WVA-22P	26.67	27.94
A1275WVA-08P	8.89	10.16	A1275WVA-23P	27.94	29.21
A1275WVA-09P	10.16	11.43	A1275WVA-24P	29.21	30.48
A1275WVA-10P	11.43	12.70	A1275WVA-25P	30.48	31.75
A1275WVA-11P	12.70	13.97	A1275WVA-26P	31.75	33.02
A1275WVA-12P	13.97	15.24	A1275WVA-27P	33.02	34.29
A1275WVA-13P	15.24	16.51	A1275WVA-28P	34.29	35.56
A1275WVA-14P	16.51	17.78	A1275WVA-29P	35.56	36.83
A1275WVA-15P	17.78	19.05	A1275WVA-30P	36.83	38.10
A1275WVA-16P	19.05	20.32	A1275WVA-31P	38.10	39.37
A1275WVA-17P	20.32	21.59	A1275WVA-32P	39.37	40.64

Unit:mm

A1275WVA-S

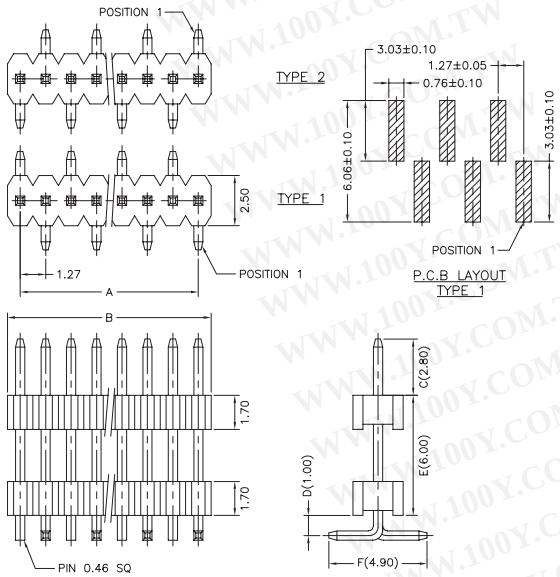
1.27mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested

Ordering Information:
A1275WVA-S-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

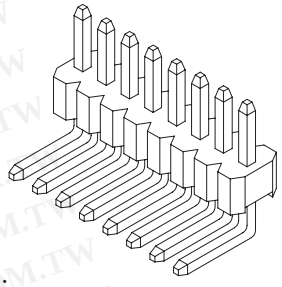
PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1275WVA-S-03P	2.54	3.81	A1275WVA-S-18P	21.59	22.86
A1275WVA-S-04P	3.81	5.08	A1275WVA-S-19P	22.86	24.13
A1275WVA-S-05P	5.08	6.35	A1275WVA-S-20P	24.13	25.40
A1275WVA-S-06P	6.35	7.62	A1275WVA-S-21P	25.40	26.67
A1275WVA-S-07P	7.62	8.89	A1275WVA-S-22P	26.67	27.94
A1275WVA-S-08P	8.89	10.16	A1275WVA-S-23P	27.94	29.21
A1275WVA-S-09P	10.16	11.43	A1275WVA-S-24P	29.21	30.48
A1275WVA-S-10P	11.43	12.70	A1275WVA-S-25P	30.48	31.75
A1275WVA-S-11P	12.70	13.97	A1275WVA-S-26P	31.75	33.02
A1275WVA-S-12P	13.97	15.24	A1275WVA-S-27P	33.02	34.29
A1275WVA-S-13P	15.24	16.51	A1275WVA-S-28P	34.29	35.56
A1275WVA-S-14P	16.51	17.78	A1275WVA-S-29P	35.56	36.83
A1275WVA-S-15P	17.78	19.05	A1275WVA-S-30P	36.83	38.10
A1275WVA-S-16P	19.05	20.32	A1275WVA-S-31P	38.10	39.37
A1275WVA-S-17P	20.32	21.59	A1275WVA-S-32P	39.37	40.64

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

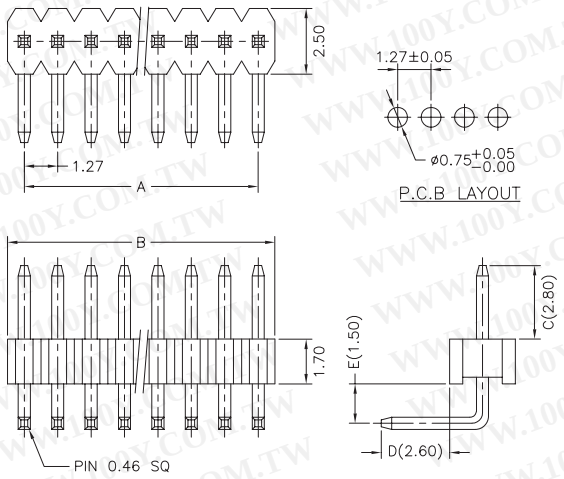
A1275WR

1.27mm pitch 90° Single Row Pin Header



Reference Informations:

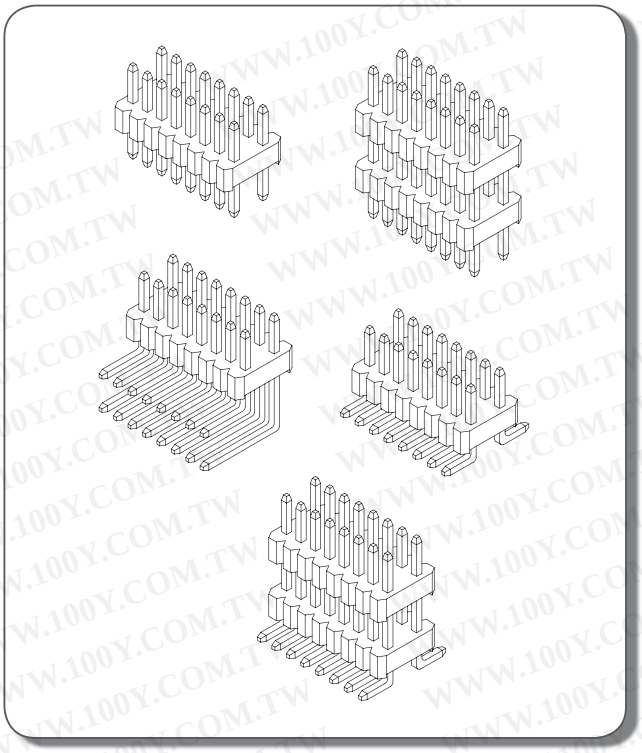
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1275WR-03P	2.54	3.81	A1275WR-18P	21.59	22.86
A1275WR-04P	3.81	5.08	A1275WR-19P	22.86	24.13
A1275WR-05P	5.08	6.35	A1275WR-20P	24.13	25.40
A1275WR-06P	6.35	7.62	A1275WR-21P	25.40	26.67
A1275WR-07P	7.62	8.89	A1275WR-22P	26.67	27.94
A1275WR-08P	8.89	10.16	A1275WR-23P	27.94	29.21
A1275WR-09P	10.16	11.43	A1275WR-24P	29.21	30.48
A1275WR-10P	11.43	12.70	A1275WR-25P	30.48	31.75
A1275WR-11P	12.70	13.97	A1275WR-26P	31.75	33.02
A1275WR-12P	13.97	15.24	A1275WR-27P	33.02	34.29
A1275WR-13P	15.24	16.51	A1275WR-28P	34.29	35.56
A1275WR-14P	16.51	17.78	A1275WR-29P	35.56	36.83
A1275WR-15P	17.78	19.05	A1275WR-30P	36.83	38.10
A1275WR-16P	19.05	20.32	A1275WR-31P	38.10	39.37
A1275WR-17P	20.32	21.59	A1275WR-32P	39.37	40.64

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

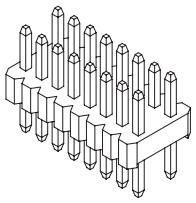
Ordering code

❶	❷	❸	❹	❺	❻
A1276	WV	A	-S-	2X	05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ 2X=Dual row
❻ No. of circuits

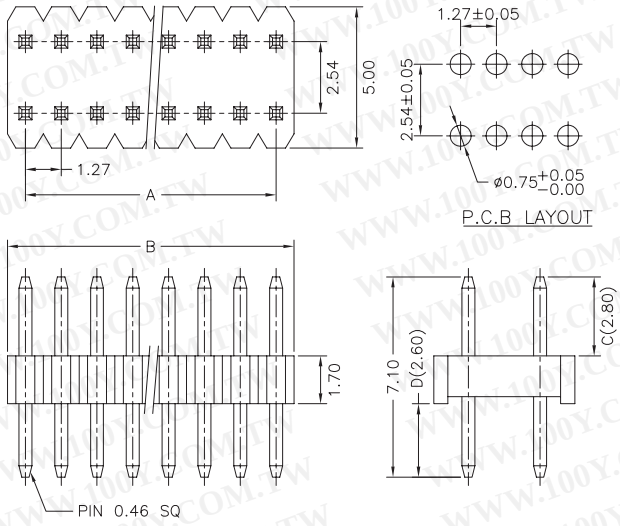
A1276WV-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



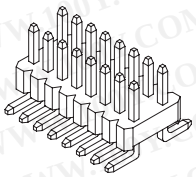
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1276WV-2X03P	2.54	3.81	A1276WV-2X27P	33.02	34.29
A1276WV-2X04P	3.81	5.08	A1276WV-2X28P	34.29	35.56
A1276WV-2X05P	5.08	6.35	A1276WV-2X29P	35.56	36.83
A1276WV-2X06P	6.35	7.62	A1276WV-2X30P	36.83	38.10
A1276WV-2X07P	7.62	8.89	A1276WV-2X31P	38.10	39.37
A1276WV-2X08P	8.89	10.16	A1276WV-2X32P	39.37	40.64
A1276WV-2X09P	10.16	11.43	A1276WV-2X33P	40.64	41.91
A1276WV-2X10P	11.43	12.70	A1276WV-2X34P	41.91	43.18
A1276WV-2X11P	12.70	13.97	A1276WV-2X35P	43.18	44.45
A1276WV-2X12P	13.97	15.24	A1276WV-2X36P	44.45	45.72
A1276WV-2X13P	15.24	16.51	A1276WV-2X37P	45.72	46.99
A1276WV-2X14P	16.51	17.78	A1276WV-2X38P	46.99	48.26
A1276WV-2X15P	17.78	19.05	A1276WV-2X39P	48.26	49.53
A1276WV-2X16P	19.05	20.32	A1276WV-2X40P	49.53	50.80
A1276WV-2X17P	20.32	21.59	A1276WV-2X41P	50.80	52.07
A1276WV-2X18P	21.59	22.86	A1276WV-2X42P	52.07	53.34
A1276WV-2X19P	22.86	24.13	A1276WV-2X43P	53.34	54.61
A1276WV-2X20P	24.13	25.40	A1276WV-2X44P	54.61	55.88
A1276WV-2X21P	25.40	26.67	A1276WV-2X45P	55.88	57.15
A1276WV-2X22P	26.67	27.94	A1276WV-2X46P	57.15	58.42
A1276WV-2X23P	27.94	29.21	A1276WV-2X47P	58.42	59.69
A1276WV-2X24P	29.21	30.48	A1276WV-2X48P	59.69	60.96
A1276WV-2X25P	30.48	31.75	A1276WV-2X49P	60.96	62.23
A1276WV-2X26P	31.75	33.02	A1276WV-2X50P	62.23	63.50

Unit:mm

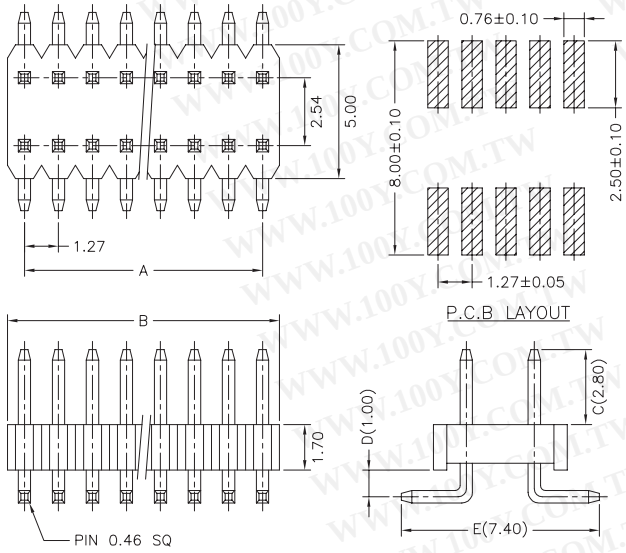
A1276WV-S-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



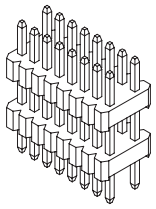
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1276WV-S-2X03P	2.54	3.81	A1276WV-S-2X27P	33.02	34.29
A1276WV-S-2X04P	3.81	5.08	A1276WV-S-2X28P	34.29	35.56
A1276WV-S-2X05P	5.08	6.35	A1276WV-S-2X29P	35.56	36.83
A1276WV-S-2X06P	6.35	7.62	A1276WV-S-2X30P	36.83	38.10
A1276WV-S-2X07P	7.62	8.89	A1276WV-S-2X31P	38.10	39.37
A1276WV-S-2X08P	8.89	10.16	A1276WV-S-2X32P	39.37	40.64
A1276WV-S-2X09P	10.16	11.43	A1276WV-S-2X33P	40.64	41.91
A1276WV-S-2X10P	11.43	12.70	A1276WV-S-2X34P	41.91	43.18
A1276WV-S-2X11P	12.70	13.97	A1276WV-S-2X35P	43.18	44.45
A1276WV-S-2X12P	13.97	15.24	A1276WV-S-2X36P	44.45	45.72
A1276WV-S-2X13P	15.24	16.51	A1276WV-S-2X37P	45.72	46.99
A1276WV-S-2X14P	16.51	17.78	A1276WV-S-2X38P	46.99	48.26
A1276WV-S-2X15P	17.78	19.05	A1276WV-S-2X39P	48.26	49.53
A1276WV-S-2X16P	19.05	20.32	A1276WV-S-2X40P	49.53	50.80
A1276WV-S-2X17P	20.32	21.59	A1276WV-S-2X41P	50.80	52.07
A1276WV-S-2X18P	21.59	22.86	A1276WV-S-2X42P	52.07	53.34
A1276WV-S-2X19P	22.86	24.13	A1276WV-S-2X43P	53.34	54.61
A1276WV-S-2X20P	24.13	25.40	A1276WV-S-2X44P	54.61	55.88
A1276WV-S-2X21P	25.40	26.67	A1276WV-S-2X45P	55.88	57.15
A1276WV-S-2X22P	26.67	27.94	A1276WV-S-2X46P	57.15	58.42
A1276WV-S-2X23P	27.94	29.21	A1276WV-S-2X47P	58.42	59.69
A1276WV-S-2X24P	29.21	30.48	A1276WV-S-2X48P	59.69	60.96
A1276WV-S-2X25P	30.48	31.75	A1276WV-S-2X49P	60.96	62.23
A1276WV-S-2X26P	31.75	33.02	A1276WV-S-2X50P	62.23	63.50

Unit:mm

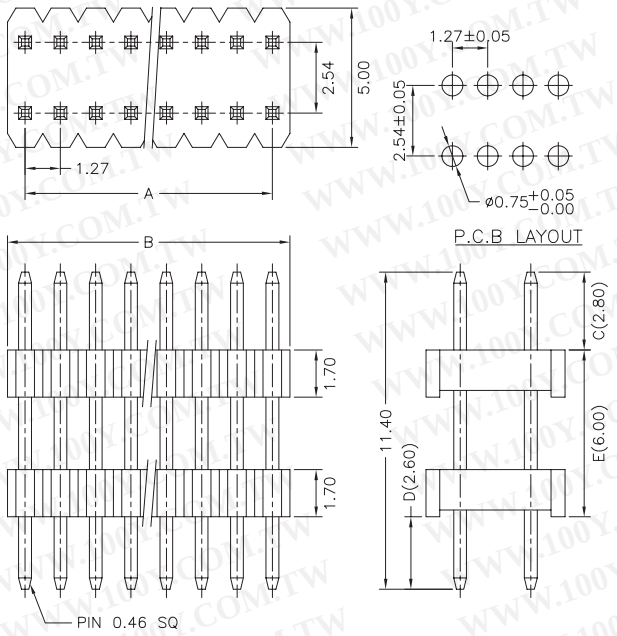
A1276WVA-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



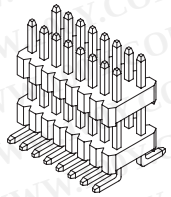
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1276WVA-2X03P	2.54	3.81	A1276WVA-2X27P	33.02	34.29
A1276WVA-2X04P	3.81	5.08	A1276WVA-2X28P	34.29	35.56
A1276WVA-2X05P	5.08	6.35	A1276WVA-2X29P	35.56	36.83
A1276WVA-2X06P	6.35	7.62	A1276WVA-2X30P	36.83	38.10
A1276WVA-2X07P	7.62	8.89	A1276WVA-2X31P	38.10	39.37
A1276WVA-2X08P	8.89	10.16	A1276WVA-2X32P	39.37	40.64
A1276WVA-2X09P	10.16	11.43	A1276WVA-2X33P	40.64	41.91
A1276WVA-2X10P	11.43	12.70	A1276WVA-2X34P	41.91	43.18
A1276WVA-2X11P	12.70	13.97	A1276WVA-2X35P	43.18	44.45
A1276WVA-2X12P	13.97	15.24	A1276WVA-2X36P	44.45	45.72
A1276WVA-2X13P	15.24	16.51	A1276WVA-2X37P	45.72	46.99
A1276WVA-2X14P	16.51	17.78	A1276WVA-2X38P	46.99	48.26
A1276WVA-2X15P	17.78	19.05	A1276WVA-2X39P	48.26	49.53
A1276WVA-2X16P	19.05	20.32	A1276WVA-2X40P	49.53	50.80
A1276WVA-2X17P	20.32	21.59	A1276WVA-2X41P	50.80	52.07
A1276WVA-2X18P	21.59	22.86	A1276WVA-2X42P	52.07	53.34
A1276WVA-2X19P	22.86	24.13	A1276WVA-2X43P	53.34	54.61
A1276WVA-2X20P	24.13	25.40	A1276WVA-2X44P	54.61	55.88
A1276WVA-2X21P	25.40	26.67	A1276WVA-2X45P	55.88	57.15
A1276WVA-2X22P	26.67	27.94	A1276WVA-2X46P	57.15	58.42
A1276WVA-2X23P	27.94	29.21	A1276WVA-2X47P	58.42	59.69
A1276WVA-2X24P	29.21	30.48	A1276WVA-2X48P	59.69	60.96
A1276WVA-2X25P	30.48	31.75	A1276WVA-2X49P	60.96	62.23
A1276WVA-2X26P	31.75	33.02	A1276WVA-2X50P	62.23	63.50

Unit:mm

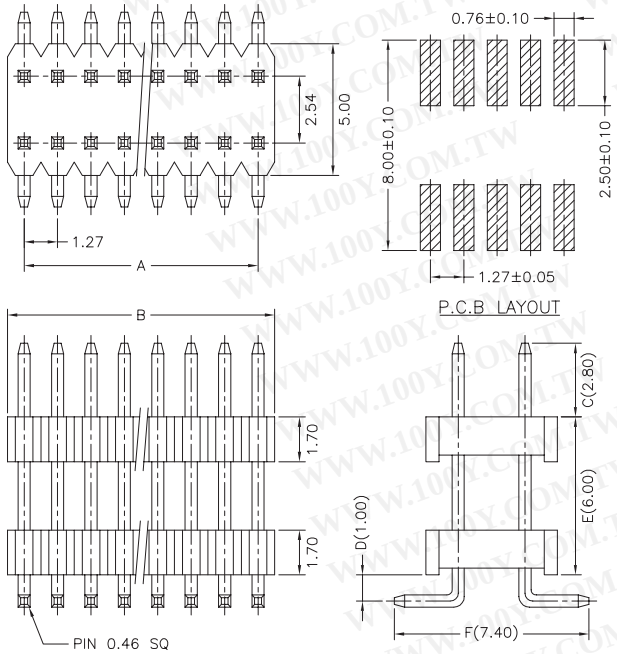
A1276WVA-S-2

1.27mm X 2.54mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



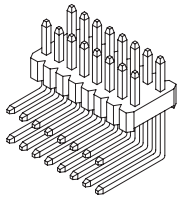
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1276WVA-S-2X03P	2.54	3.81	A1276WVA-S-2X27P	33.02	34.29
A1276WVA-S-2X04P	3.81	5.08	A1276WVA-S-2X28P	34.29	35.56
A1276WVA-S-2X05P	5.08	6.35	A1276WVA-S-2X29P	35.56	36.83
A1276WVA-S-2X06P	6.35	7.62	A1276WVA-S-2X30P	36.83	38.10
A1276WVA-S-2X07P	7.62	8.89	A1276WVA-S-2X31P	38.10	39.37
A1276WVA-S-2X08P	8.89	10.16	A1276WVA-S-2X32P	39.37	40.64
A1276WVA-S-2X09P	10.16	11.43	A1276WVA-S-2X33P	40.64	41.91
A1276WVA-S-2X10P	11.43	12.70	A1276WVA-S-2X34P	41.91	43.18
A1276WVA-S-2X11P	12.70	13.97	A1276WVA-S-2X35P	43.18	44.45
A1276WVA-S-2X12P	13.97	15.24	A1276WVA-S-2X36P	44.45	45.72
A1276WVA-S-2X13P	15.24	16.51	A1276WVA-S-2X37P	45.72	46.99
A1276WVA-S-2X14P	16.51	17.78	A1276WVA-S-2X38P	46.99	48.26
A1276WVA-S-2X15P	17.78	19.05	A1276WVA-S-2X39P	48.26	49.53
A1276WVA-S-2X16P	19.05	20.32	A1276WVA-S-2X40P	49.53	50.80
A1276WVA-S-2X17P	20.32	21.59	A1276WVA-S-2X41P	50.80	52.07
A1276WVA-S-2X18P	21.59	22.86	A1276WVA-S-2X42P	52.07	53.34
A1276WVA-S-2X19P	22.86	24.13	A1276WVA-S-2X43P	53.34	54.61
A1276WVA-S-2X20P	24.13	25.40	A1276WVA-S-2X44P	54.61	55.88
A1276WVA-S-2X21P	25.40	26.67	A1276WVA-S-2X45P	55.88	57.15
A1276WVA-S-2X22P	26.67	27.94	A1276WVA-S-2X46P	57.15	58.42
A1276WVA-S-2X23P	27.94	29.21	A1276WVA-S-2X47P	58.42	59.69
A1276WVA-S-2X24P	29.21	30.48	A1276WVA-S-2X48P	59.69	60.96
A1276WVA-S-2X25P	30.48	31.75	A1276WVA-S-2X49P	60.96	62.23
A1276WVA-S-2X26P	31.75	33.02	A1276WVA-S-2X50P	62.23	63.50

Unit:mm

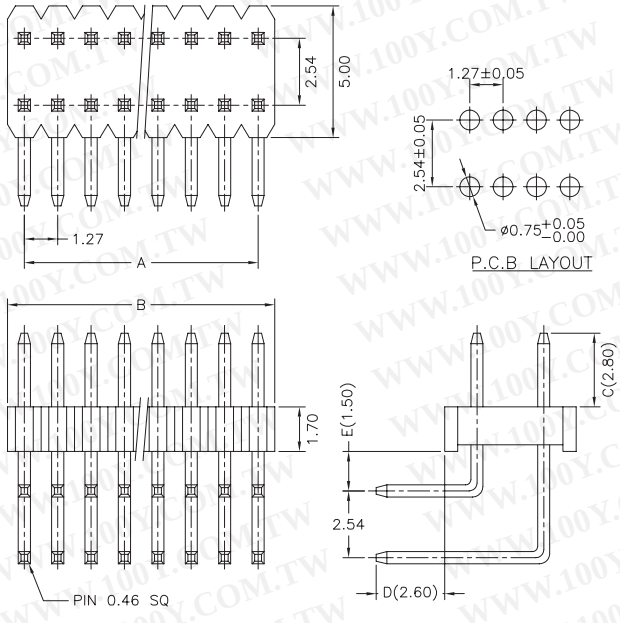
A1276WR-2

1.27mm X 2.54mm pitch 90° Dual Row Pin Header



Reference Informations:

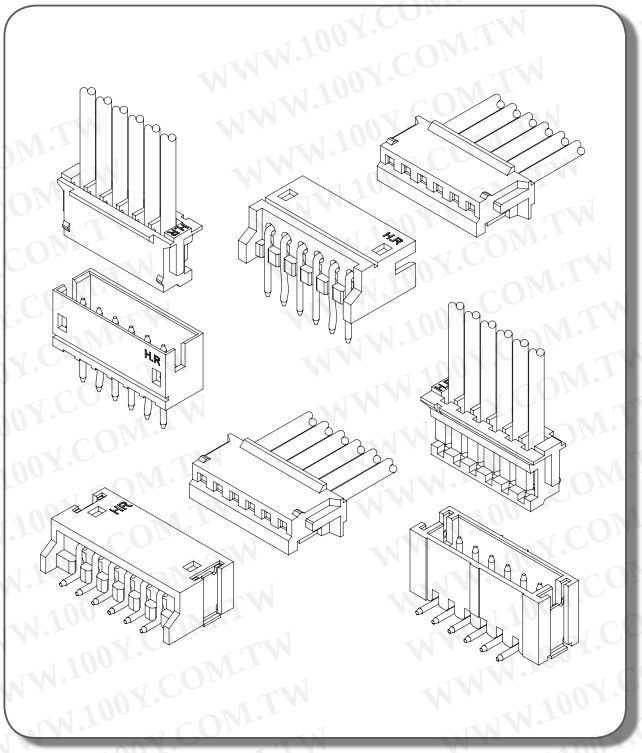
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A1276WR-2X03P	2.54	3.81	A1276WR-2X27P	33.02	34.29
A1276WR-2X04P	3.81	5.08	A1276WR-2X28P	34.29	35.56
A1276WR-2X05P	5.08	6.35	A1276WR-2X29P	35.56	36.83
A1276WR-2X06P	6.35	7.62	A1276WR-2X30P	36.83	38.10
A1276WR-2X07P	7.62	8.89	A1276WR-2X31P	38.10	39.37
A1276WR-2X08P	8.89	10.16	A1276WR-2X32P	39.37	40.64
A1276WR-2X09P	10.16	11.43	A1276WR-2X33P	40.64	41.91
A1276WR-2X10P	11.43	12.70	A1276WR-2X34P	41.91	43.18
A1276WR-2X11P	12.70	13.97	A1276WR-2X35P	43.18	44.45
A1276WR-2X12P	13.97	15.24	A1276WR-2X36P	44.45	45.72
A1276WR-2X13P	15.24	16.51	A1276WR-2X37P	45.72	46.99
A1276WR-2X14P	16.51	17.78	A1276WR-2X38P	46.99	48.26
A1276WR-2X15P	17.78	19.05	A1276WR-2X39P	48.26	49.53
A1276WR-2X16P	19.05	20.32	A1276WR-2X40P	49.53	50.80
A1276WR-2X17P	20.32	21.59	A1276WR-2X41P	50.80	52.07
A1276WR-2X18P	21.59	22.86	A1276WR-2X42P	52.07	53.34
A1276WR-2X19P	22.86	24.13	A1276WR-2X43P	53.34	54.61
A1276WR-2X20P	24.13	25.40	A1276WR-2X44P	54.61	55.88
A1276WR-2X21P	25.40	26.67	A1276WR-2X45P	55.88	57.15
A1276WR-2X22P	26.67	27.94	A1276WR-2X46P	57.15	58.42
A1276WR-2X23P	27.94	29.21	A1276WR-2X47P	58.42	59.69
A1276WR-2X24P	29.21	30.48	A1276WR-2X48P	59.69	60.96
A1276WR-2X25P	30.48	31.75	A1276WR-2X49P	60.96	62.23
A1276WR-2X26P	31.75	33.02	A1276WR-2X50P	62.23	63.50

Unit:mm



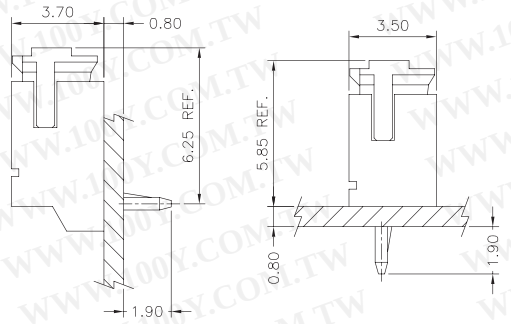
Specifications

Current rating: 1A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

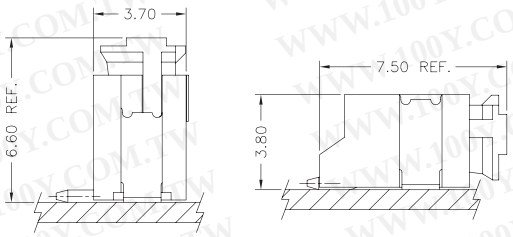
Standards

E179987 LR113464

Assembly layout



DIP TYPE



SMT TYPE

Ordering code

❶ ❷ ❸ ❹ ❺
A1500 – T P E -H

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code:
-H=For AWG#24-#30 wire

❶ ❷ ❸
A1500 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

❶ ❷ ❸ ❹ ❺
A1500 WV -S – 05P D01

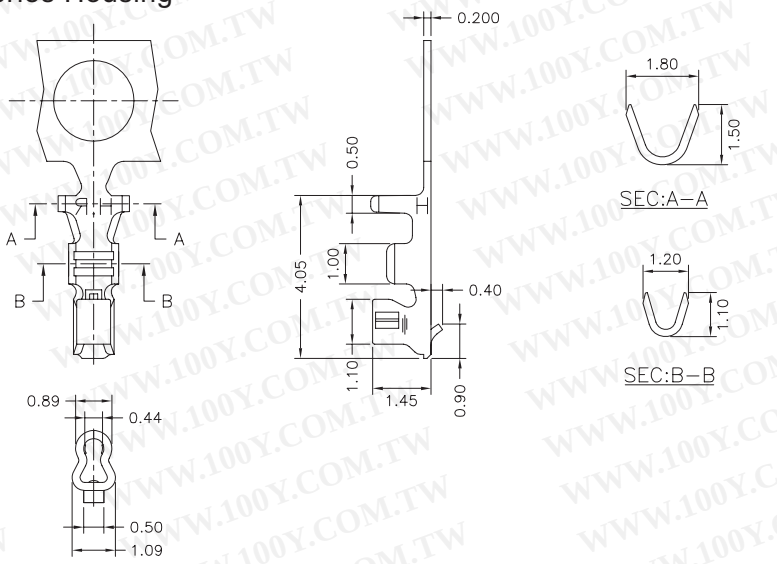
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: Blank=Through hole
-S=SMT
❹ No. of circuits
❺ Option code:
46G=Nylon 46, Gold-flash(Through hole type only)
D01=Gold-flash, Taping reel(SMT type only)
DA1=Gold-flash, Taping reel(SMT-A type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1500-T 1.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1500 series Housing



Ordering Information & Specifications: Unit:mm

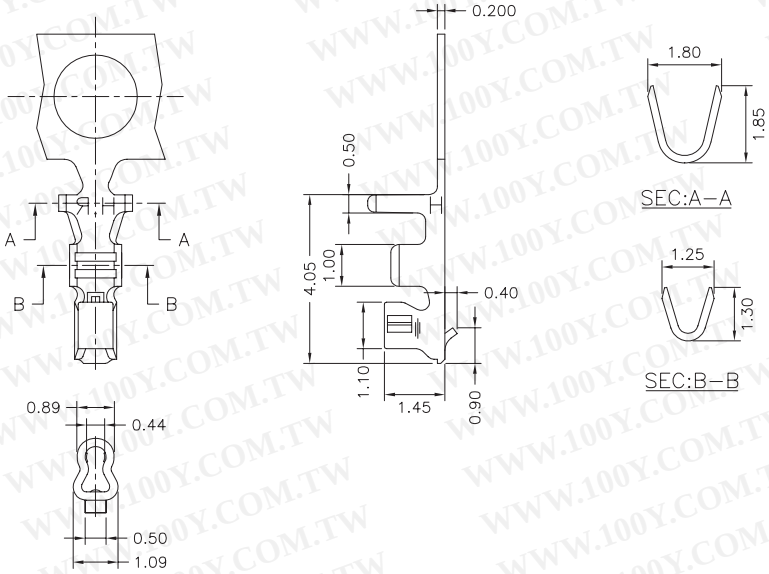
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1500-TPE	AWG#26-#32	1.10mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
A1500-GPE	AWG#26-#32	1.10mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

Note:E-Stamping before Tin-plated or Gold-flash

A1500-T 1.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1500 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1500-TPE-H	AWG#24-#30	1.10mm(max)	Phosphor Bronze	Tin-plated	15,000pcs

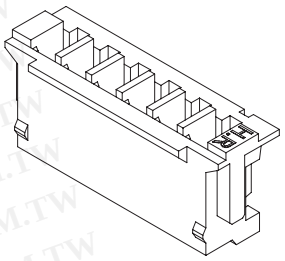
Note:E-Stamping before Tin-plated

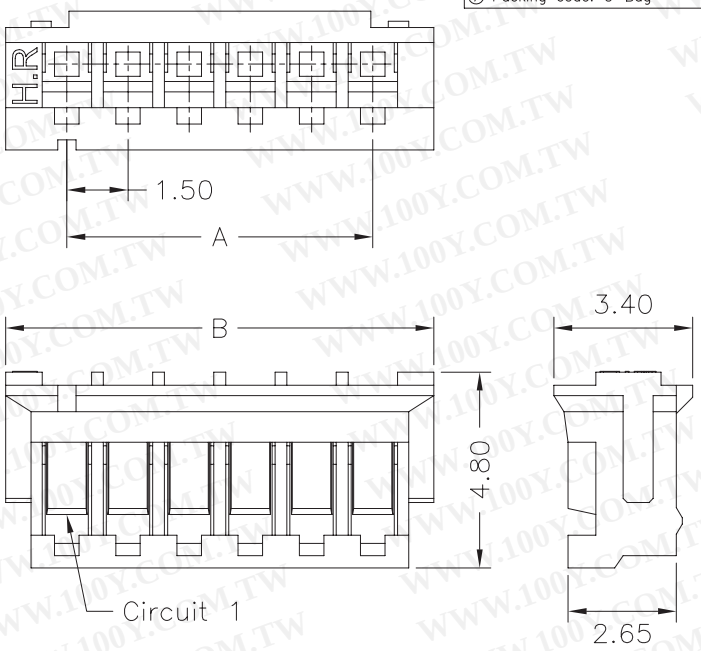
A1500H 1.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1500 series Terminal
*Mates with H.R A1500 series Wafer

A1500H-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

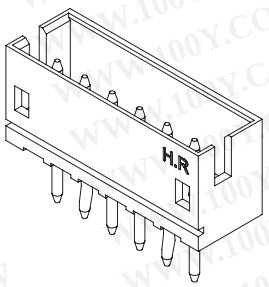
PART NO.	Dimensions	
	A	B
A1500H-02P	1.50	4.50
A1500H-03P	3.00	6.00
A1500H-04P	4.50	7.50
A1500H-05P	6.00	9.00
A1500H-06P	7.50	10.50
A1500H-07P	9.00	12.00
A1500H-08P	10.50	13.50
A1500H-09P	12.00	15.00
A1500H-10P	13.50	16.50
A1500H-11P	15.00	18.00
A1500H-12P	16.50	19.50
A1500H-13P	18.00	21.00
A1500H-15P	21.00	24.00

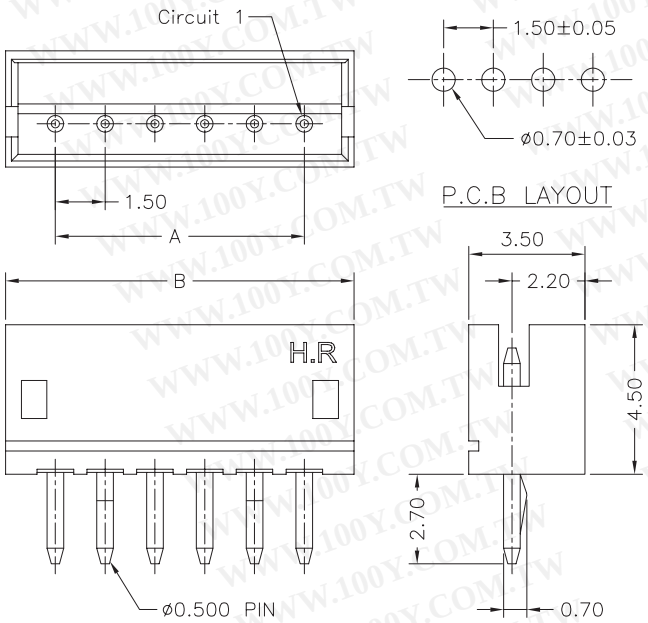
Unit:mm

A1500WV 1.50mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1500 series Housing
*Nylon 46 is available





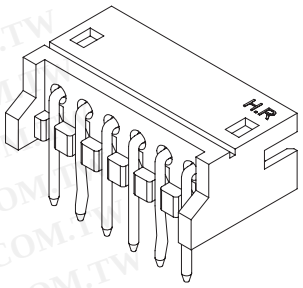
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1500WV-02P	1.50	4.50
A1500WV-03P	3.00	6.00
A1500WV-04P	4.50	7.50
A1500WV-05P	6.00	9.00
A1500WV-06P	7.50	10.50
A1500WV-07P	9.00	12.00
A1500WV-08P	10.50	13.50
A1500WV-09P	12.00	15.00
A1500WV-10P	13.50	16.50
A1500WV-11P	15.00	18.00
A1500WV-12P	16.50	19.50
A1500WV-13P	18.00	21.00
A1500WV-15P	21.00	24.00

Unit:mm

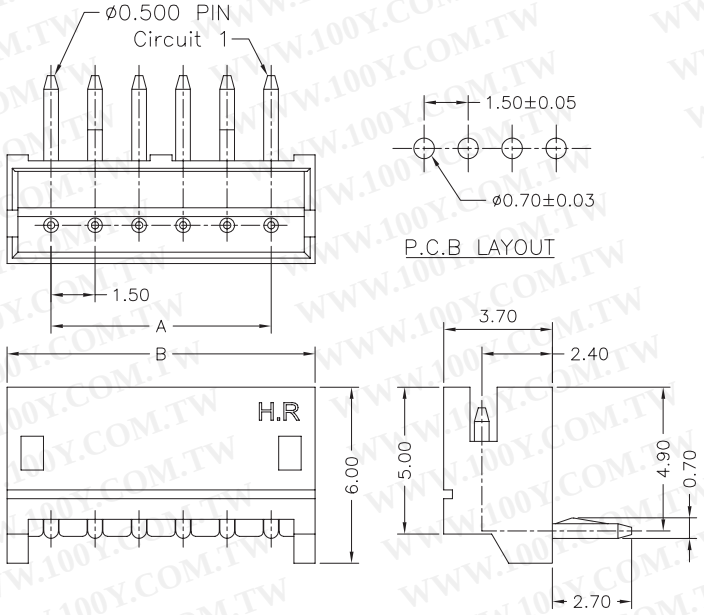
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1500WR 1.50mm pitch 90° Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1500 series Housing
*Nylon 46 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1500WR-02P	1.50	4.50
A1500WR-03P	3.00	6.00
A1500WR-04P	4.50	7.50
A1500WR-05P	6.00	9.00
A1500WR-06P	7.50	10.50
A1500WR-07P	9.00	12.00
A1500WR-08P	10.50	13.50
A1500WR-09P	12.00	15.00
A1500WR-10P	13.50	16.50
A1500WR-11P	15.00	18.00
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A1500WR-13P	18.00	21.00
A1500WR-15P	21.00	24.00

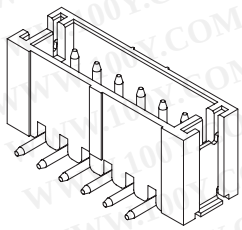
Unit:mm

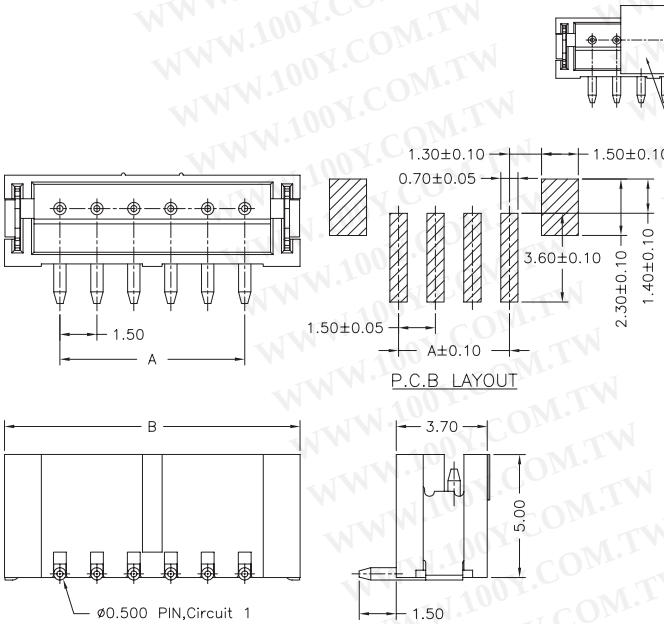
A1500WV-S 1.50mm pitch 180° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1500 series Housing

A1500WV-S-05P N 6 B G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1500WV-S-02PD01	1.50	6.00
A1500WV-S-03PD01	3.00	7.50
A1500WV-S-04PD01	4.50	9.00
A1500WV-S-05PD01	6.00	10.50
A1500WV-S-06PD01	7.50	12.00
A1500WV-S-07PD01	9.00	13.50
A1500WV-S-08PD01	10.50	15.00
A1500WV-S-09PD01	12.00	16.50
A1500WV-S-10PD01	13.50	18.00
A1500WV-S-11PD01	15.00	19.50
A1500WV-S-12PD01	16.50	21.00
A1500WV-S-13PD01	18.00	22.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

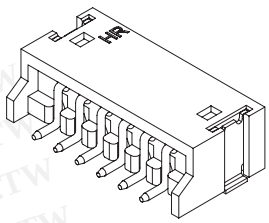
A1500WR-S

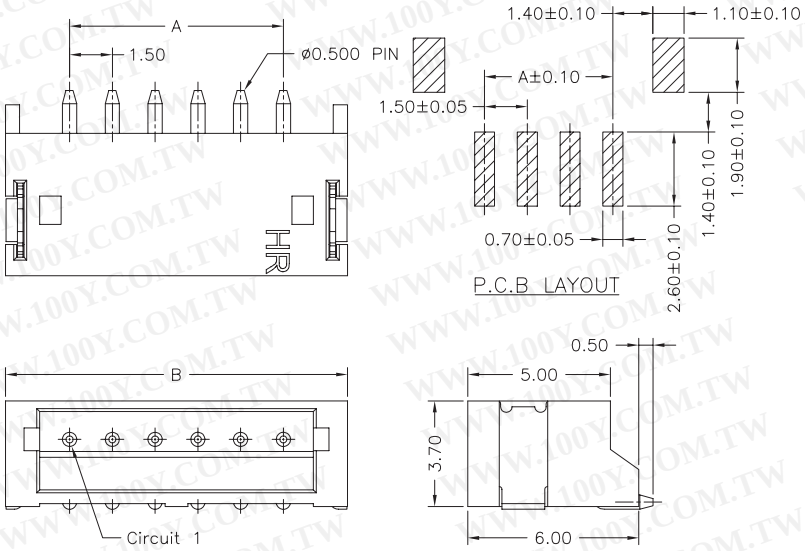
1.50mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1500 series Housing

A1500WR-S-05P N 6 B G1 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1500WR-S-02PD01	1.50	6.00
A1500WR-S-03PD01	3.00	7.50
A1500WR-S-04PD01	4.50	9.00
A1500WR-S-05PD01	6.00	10.50
A1500WR-S-06PD01	7.50	12.00
A1500WR-S-07PD01	9.00	13.50
A1500WR-S-08PD01	10.50	15.00
A1500WR-S-09PD01	12.00	16.50
A1500WR-S-10PD01	13.50	18.00
A1500WR-S-11PD01	15.00	19.50
A1500WR-S-12PD01	16.50	21.00
A1500WR-S-13PD01	18.00	22.50

Unit:mm

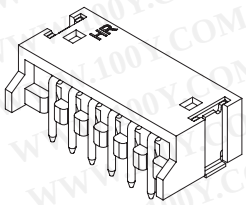
A1500WR-S

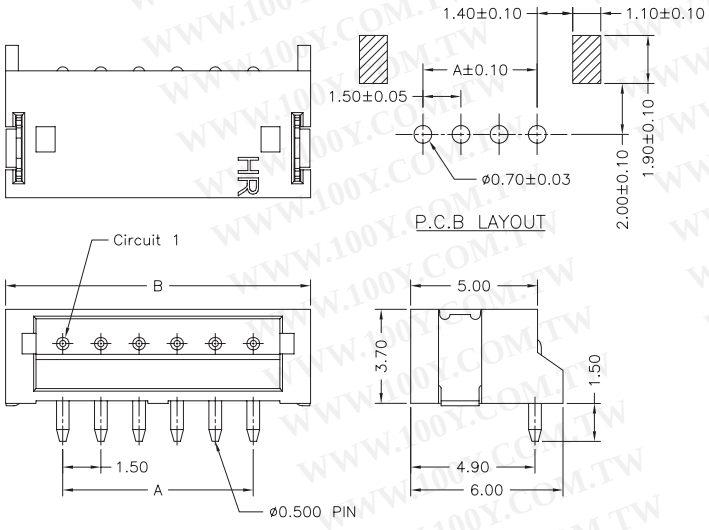
1.50mm pitch 90° Wafer - SMT-A TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1500 series Housing

A1500WR-S-05P N 6 B G1 G A0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: A0=Through hole pin
⑦ Packing code: R=Tape & Reel

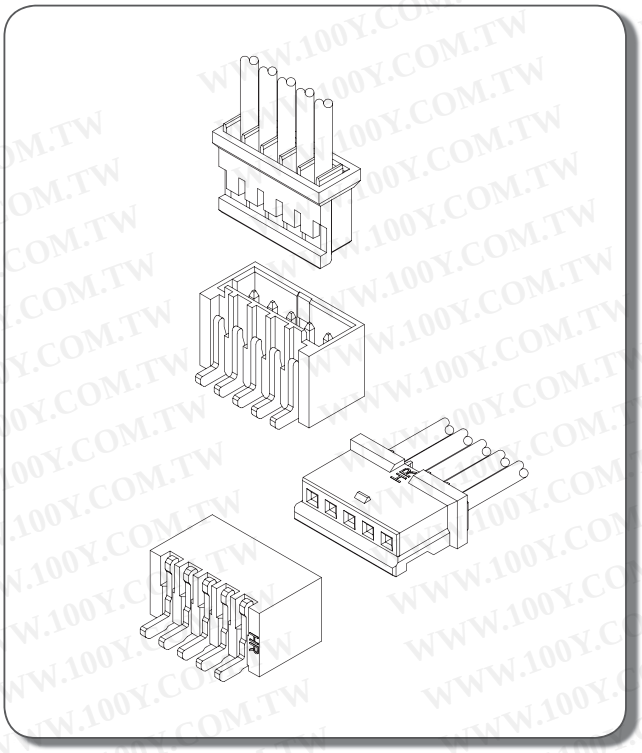




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1500WR-S-02PDA1	1.50	6.00
A1500WR-S-03PDA1	3.00	7.50
A1500WR-S-04PDA1	4.50	9.00
A1500WR-S-05PDA1	6.00	10.50
A1500WR-S-06PDA1	7.50	12.00
A1500WR-S-07PDA1	9.00	13.50
A1500WR-S-08PDA1	10.50	15.00
A1500WR-S-09PDA1	12.00	16.50
A1500WR-S-10PDA1	13.50	18.00
A1500WR-S-11PDA1	15.00	19.50
A1500WR-S-12PDA1	16.50	21.00
A1500WR-S-13PDA1	18.00	22.50

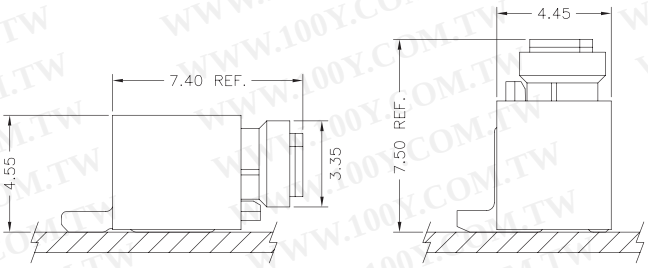
Unit:mm



Specifications

Current rating: 3A AC,DC
Voltage rating: 350V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A1501 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A1501 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

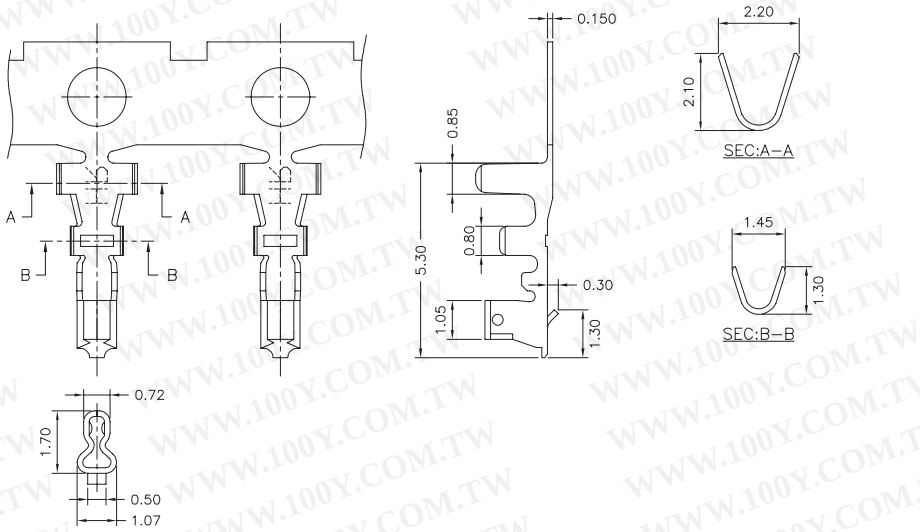
❶ ❷ ❸ ❹
A1501 WV – S – 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

A1501-T 1.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1501 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1501-TPE	AWG#24-#28	1.10mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

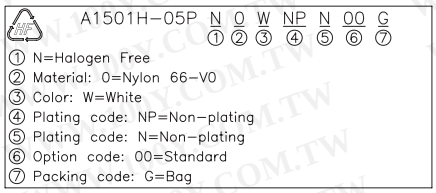
Note:E-Stamping before Tin-plated

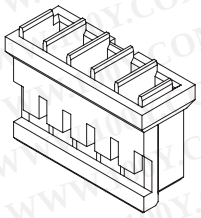
A1501H 1.50mm pitch Housing

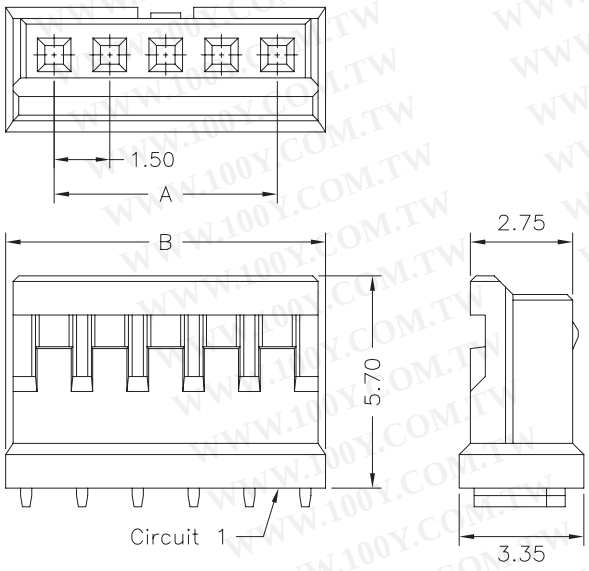
Reference Informations:

*Material: Nylon 66,UL94V-0

*Suitable H.R A1501 series Terminal







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1501H-02P	1.50	4.10
A1501H-03P	3.00	5.60
A1501H-04P	4.50	7.10
A1501H-05P	6.00	8.60
A1501H-06P	7.50	10.10
A1501H-07P	9.00	11.60
A1501H-08P	10.50	13.10
A1501H-09P	12.00	14.60
A1501H-10P	13.50	16.10
A1501H-11P	15.00	17.60
A1501H-12P	16.50	19.10
A1501H-13P	18.00	20.60
A1501H-14P	19.50	22.10
A1501H-15P	21.00	23.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

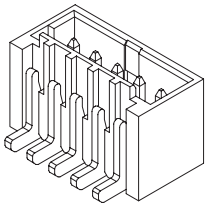
A1501WV-S

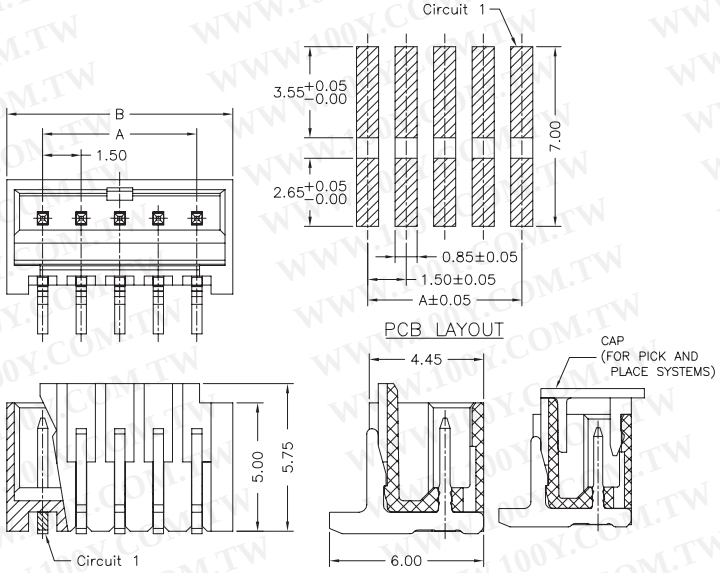
1.50mm pitch 180° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A1501 series Housing

A1501WV-S-05P N 6 B T1 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1501WV-S-02P	1.50	4.30
A1501WV-S-03P	3.00	5.80
A1501WV-S-04P	4.50	7.30
A1501WV-S-05P	6.00	8.80
A1501WV-S-06P	7.50	10.30
A1501WV-S-07P	9.00	11.80
A1501WV-S-08P	10.50	13.30
A1501WV-S-09P	12.00	14.80
A1501WV-S-10P	13.50	16.30
A1501WV-S-11P	15.00	17.80
A1501WV-S-12P	16.50	19.30
A1501WV-S-13P	18.00	20.80
A1501WV-S-14P	19.50	22.30
A1501WV-S-15P	21.00	23.80

Unit:mm

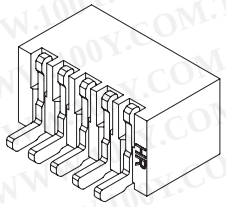
A1501WR-S

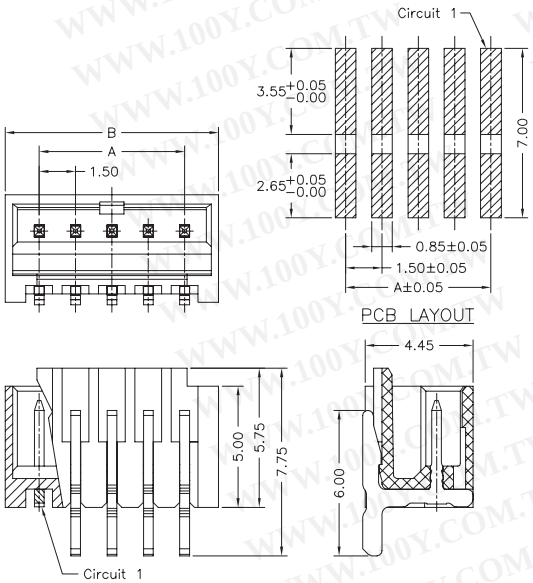
1.50mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A1501 series Housing

A1501WR-S-05P N 6 B T1 N 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



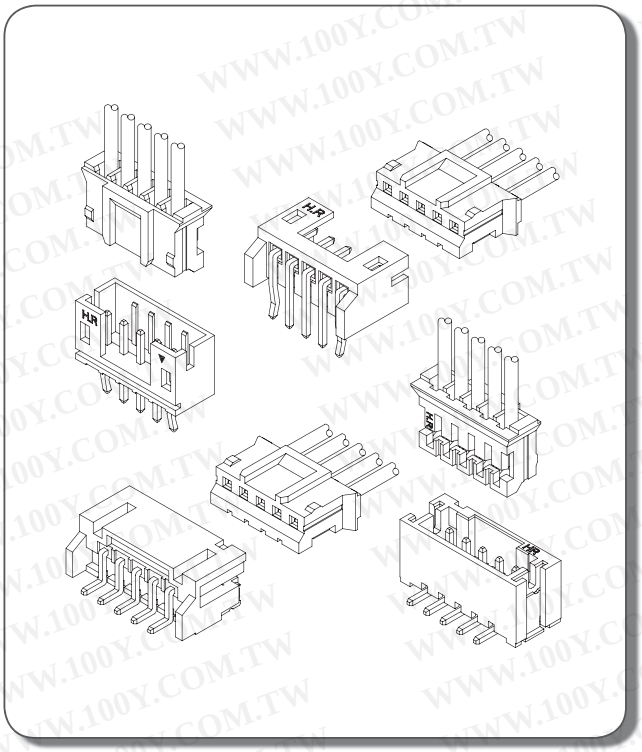


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1501WR-S-02P	1.50	4.30
A1501WR-S-03P	3.00	5.80
A1501WR-S-04P	4.50	7.30
A1501WR-S-05P	6.00	8.80
A1501WR-S-06P	7.50	10.30
A1501WR-S-07P	9.00	11.80
A1501WR-S-08P	10.50	13.30
A1501WR-S-09P	12.00	14.80
A1501WR-S-10P	13.50	16.30
A1501WR-S-11P	15.00	17.80
A1501WR-S-12P	16.50	19.30
A1501WR-S-13P	18.00	20.80
A1501WR-S-14P	19.50	22.30
A1501WR-S-15P	21.00	23.80

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



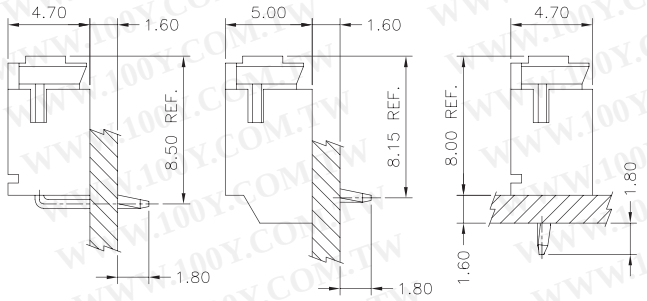
Specifications

Current rating: 2A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

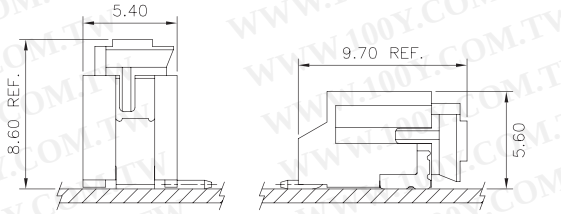
Standards

E179987 LR113464 R 3-50004394

Assembly layout



DIP TYPE



SMT TYPE

Ordering code

❶ ❷ ❸ ❹
A2001 - T P E

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2001 H - 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

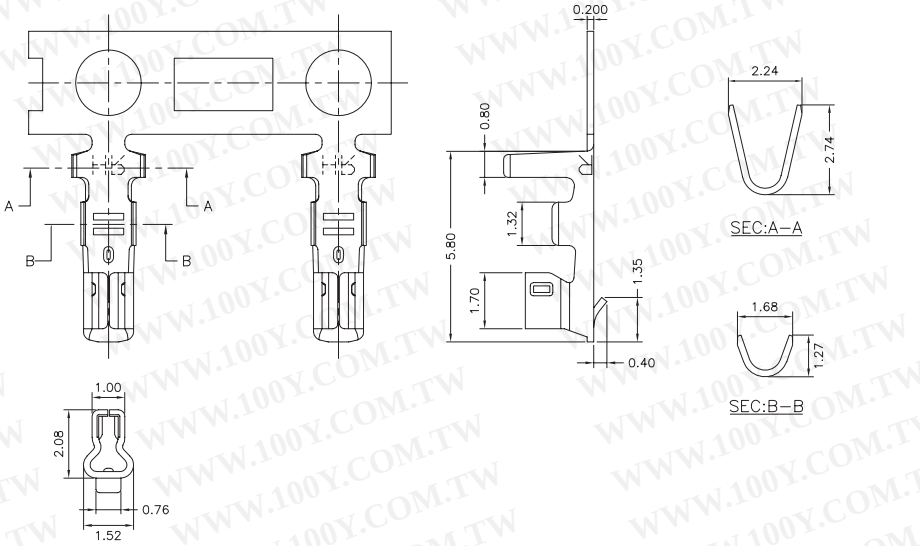
❶ ❷ ❸ ❹ ❺ ❻
A2001 WV R -S - 05P D01

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
R=Right angle type
❹ Mounting type: Blank=Through hole
-S=SMT
❺ No. of circuits
❻ Option code:
1=Type 1, 2=Type 2, 3=Type 3(Through hole only)
D01=Gold-flash, Taping reel(SMT type only)
(Contact H.R for more details)

A2001-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2001 series Housing



Ordering Information & Specifications: Unit:mm

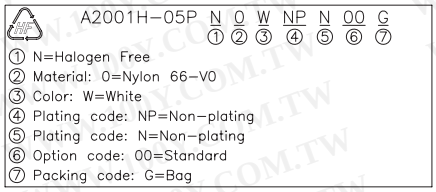
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2001-TPE	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2001-GPE	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

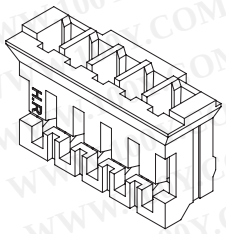
Note:E-Stamping before Tin-plated or Gold-flash

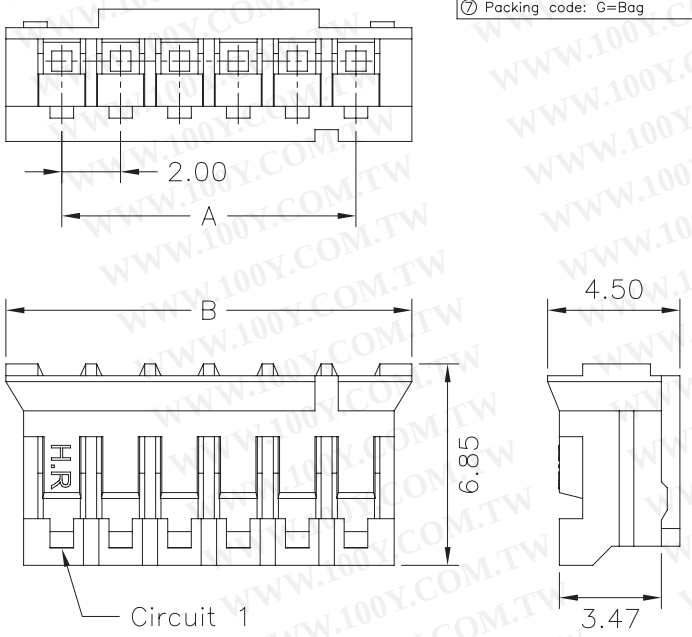
A2001H 2.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2001 series Terminal
*Mates with H.R A2001 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001H-02P	2.00	5.80
A2001H-03P	4.00	7.80
A2001H-04P	6.00	9.80
A2001H-05P	8.00	11.80
A2001H-06P	10.00	13.80
A2001H-07P	12.00	15.80
A2001H-08P	14.00	17.80
A2001H-09P	16.00	19.80
A2001H-10P	18.00	21.80
A2001H-11P	20.00	23.80
A2001H-12P	22.00	25.80
A2001H-13P	24.00	27.80
A2001H-14P	26.00	29.80
A2001H-15P	28.00	31.80
A2001H-16P	30.00	33.80
A2001H-17P	32.00	35.80
A2001H-18P	34.00	37.80

Unit:mm

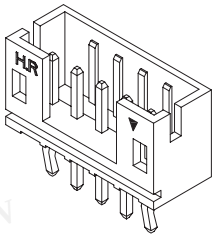
A2001WV

2.00mm pitch 180° Wafer

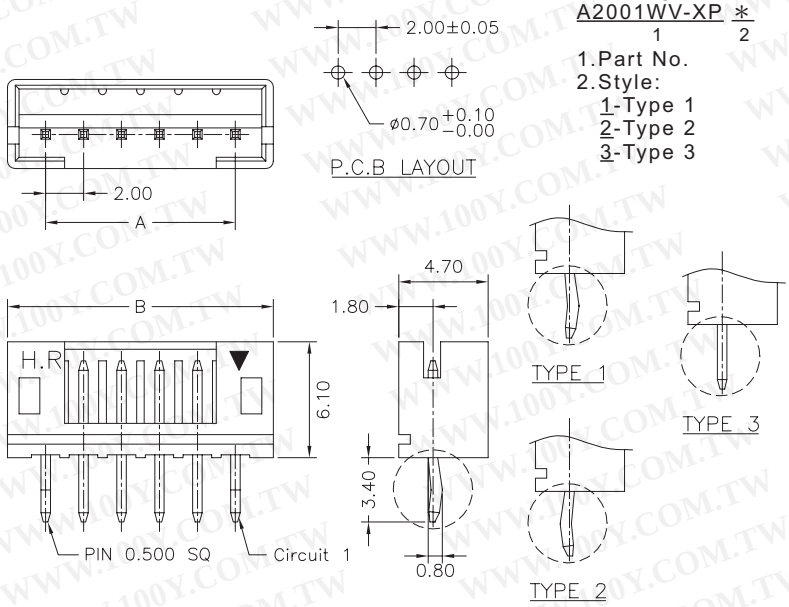
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2001 series Housing
*Nylon 6T or Nylon 46 is available

A2001WV-05P N 0 W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink, 00=Without pin kink
⑦ Packing code: G=Bag



Ordering Information:
A2001WV-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2
3-Type 3



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WV-02P	2.00	6.00
A2001WV-03P	4.00	8.00
A2001WV-04P	6.00	10.00
A2001WV-05P	8.00	12.00
A2001WV-06P	10.00	14.00
A2001WV-07P	12.00	16.00
A2001WV-08P	14.00	18.00
A2001WV-09P	16.00	20.00
A2001WV-10P	18.00	22.00
A2001WV-11P	20.00	24.00
A2001WV-12P	22.00	26.00
A2001WV-13P	24.00	28.00
A2001WV-14P	26.00	30.00
A2001WV-15P	28.00	32.00
A2001WV-16P	30.00	34.00
A2001WV-17P	32.00	36.00
A2001WV-18P	34.00	38.00

Unit:mm

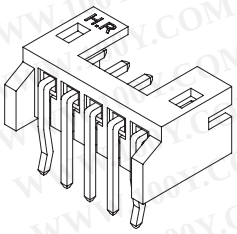
A2001WR

2.00mm pitch 90° Wafer

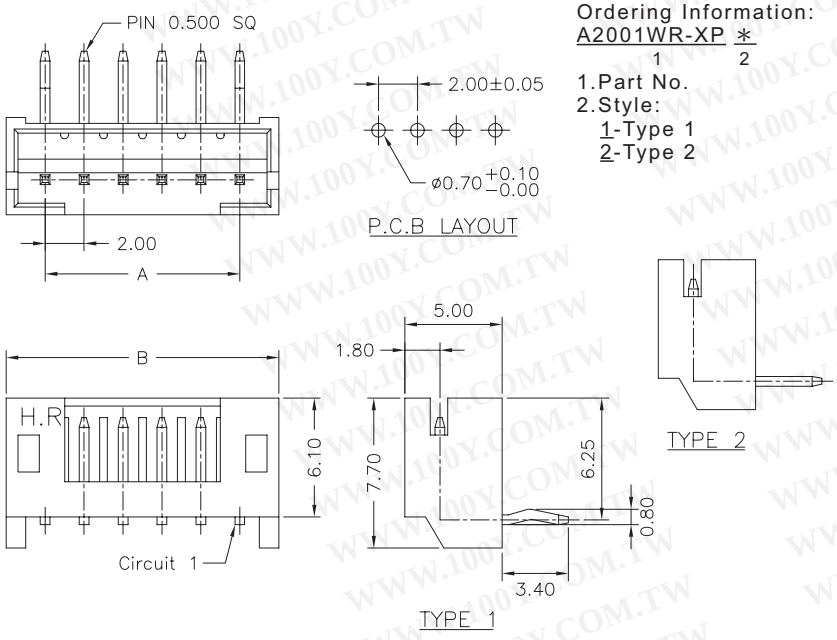
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2001 series Housing
*Nylon 6T or Nylon 46 is available

A2001WR-05P N 0 W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink, 00=Without pin kink
⑦ Packing code: G=Bag



Ordering Information:
A2001WR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WR-02P	2.00	6.00
A2001WR-03P	4.00	8.00
A2001WR-04P	6.00	10.00
A2001WR-05P	8.00	12.00
A2001WR-06P	10.00	14.00
A2001WR-07P	12.00	16.00
A2001WR-08P	14.00	18.00
A2001WR-09P	16.00	20.00
A2001WR-10P	18.00	22.00
A2001WR-11P	20.00	24.00
A2001WR-12P	22.00	26.00
A2001WR-13P	24.00	28.00
A2001WR-14P	26.00	30.00
A2001WR-15P	28.00	32.00
A2001WR-16P	30.00	34.00
A2001WR-17P	32.00	36.00
A2001WR-18P	34.00	38.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

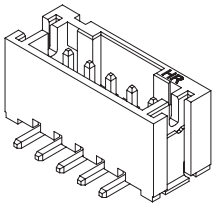
A2001WV-S

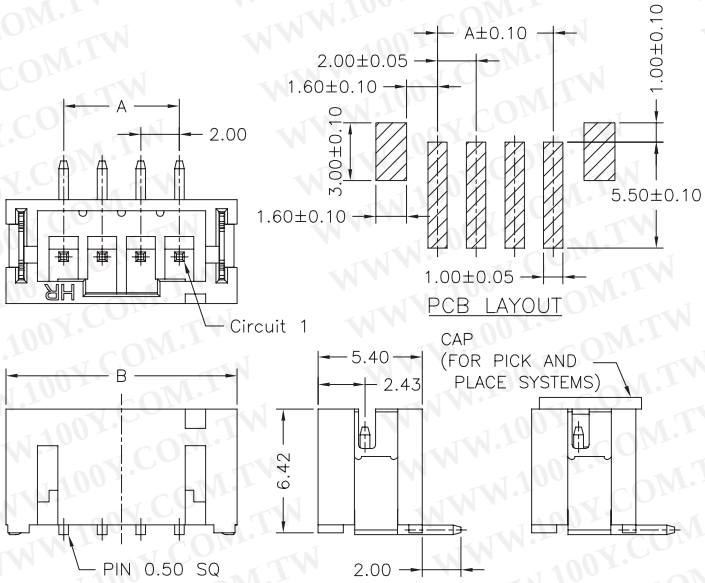
2.00mm pitch 180° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A2001 series Housing

A2001WV-S-05P N 6 B G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WV-S-02PD01	2.00	8.00
A2001WV-S-03PD01	4.00	10.00
A2001WV-S-04PD01	6.00	12.00
A2001WV-S-05PD01	8.00	14.00
A2001WV-S-06PD01	10.00	16.00
A2001WV-S-07PD01	12.00	18.00
A2001WV-S-08PD01	14.00	20.00
A2001WV-S-09PD01	16.00	22.00
A2001WV-S-10PD01	18.00	24.00
A2001WV-S-11PD01	20.00	26.00
A2001WV-S-12PD01	22.00	28.00
A2001WV-S-13PD01	24.00	30.00
A2001WV-S-14PD01	26.00	32.00
A2001WV-S-15PD01	28.00	34.00
A2001WV-S-16PD01	30.00	36.00

Unit:mm

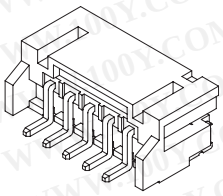
A2001WR-S

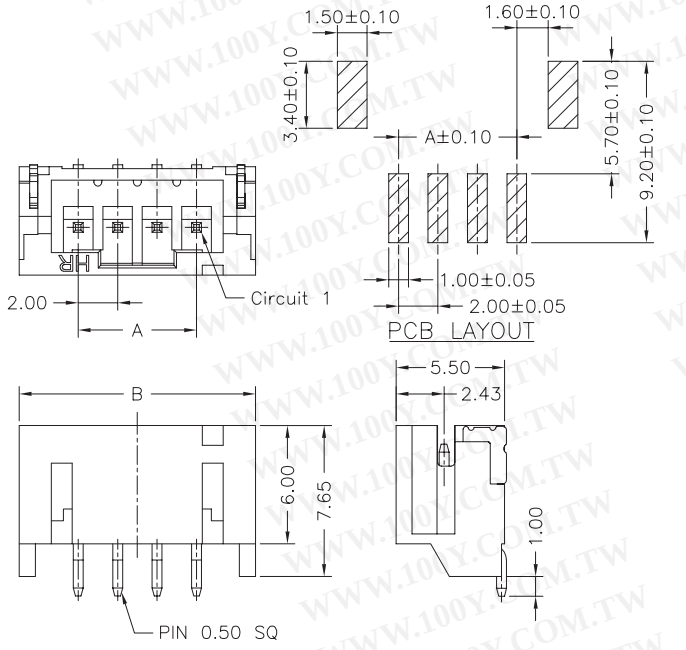
2.00mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2001 series Housing

A2001WR-S-05P N 6 B G1 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WR-S-02PD01	2.00	8.00
A2001WR-S-03PD01	4.00	10.00
A2001WR-S-04PD01	6.00	12.00
A2001WR-S-05PD01	8.00	14.00
A2001WR-S-06PD01	10.00	16.00
A2001WR-S-07PD01	12.00	18.00
A2001WR-S-08PD01	14.00	20.00
A2001WR-S-09PD01	16.00	22.00
A2001WR-S-10PD01	18.00	24.00
A2001WR-S-11PD01	20.00	26.00
A2001WR-S-12PD01	22.00	28.00
A2001WR-S-13PD01	24.00	30.00
A2001WR-S-14PD01	26.00	32.00
A2001WR-S-15PD01	28.00	34.00
A2001WR-S-16PD01	30.00	36.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2001WVR

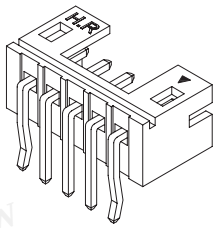
2.00mm pitch 90° Wafer

Reference Informations:

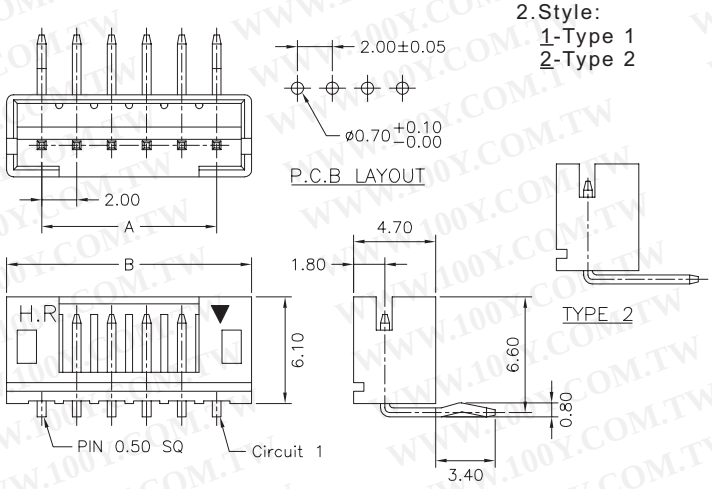
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2001 series Housing
*Nylon 6T or Nylon 46 is available

A2001WVR-05P N 0 W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink, 00=Without pin kink
⑦ Packing code: G=Bag



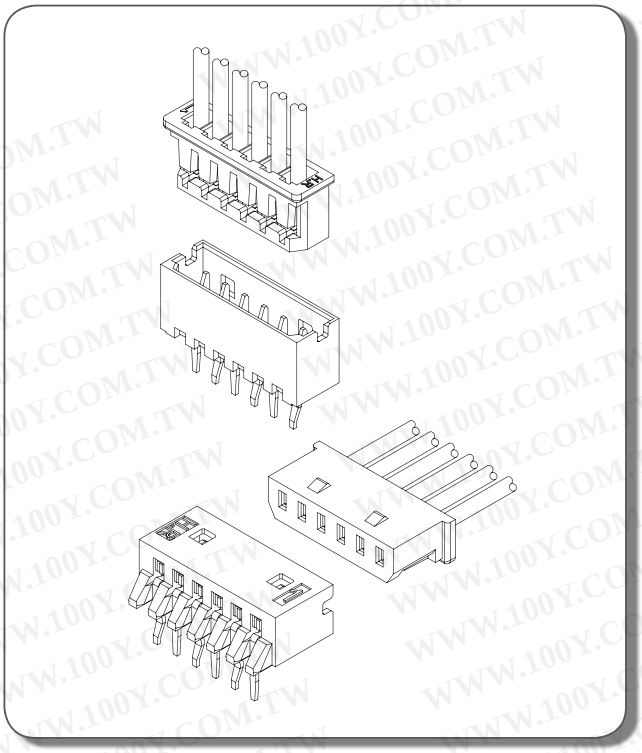
Ordering Information:
A2001WVR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WVR-02P	2.00	6.00
A2001WVR-03P	4.00	8.00
A2001WVR-04P	6.00	10.00
A2001WVR-05P	8.00	12.00
A2001WVR-06P	10.00	14.00
A2001WVR-07P	12.00	16.00
A2001WVR-08P	14.00	18.00
A2001WVR-09P	16.00	20.00
A2001WVR-10P	18.00	22.00
A2001WVR-11P	20.00	24.00
A2001WVR-12P	22.00	26.00
A2001WVR-13P	24.00	28.00
A2001WVR-14P	26.00	30.00
A2001WVR-15P	28.00	32.00
A2001WVR-16P	30.00	34.00
A2001WVR-17P	32.00	36.00
A2001WVR-18P	34.00	38.00

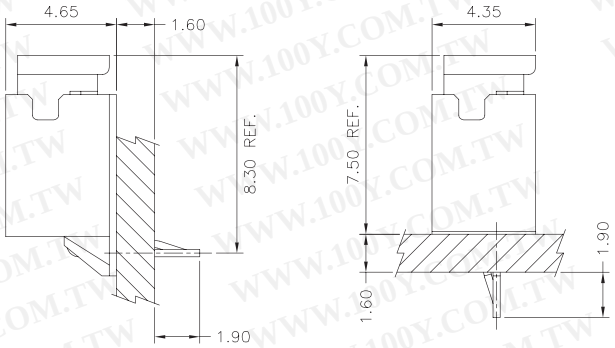
Unit:mm



Specifications

Current rating: 2A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2002 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸ ❹
A2002 H – 05P -BK

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code: -BK=Black

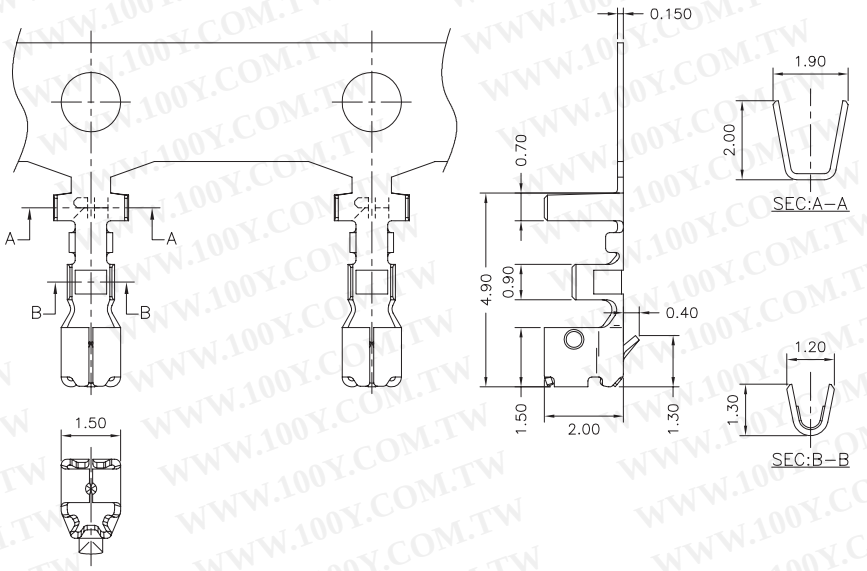
❶ ❷ ❸ ❹
A2002 WV – 05P BK

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code: BK=Black

A2002-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2002 series Housing



Ordering Information & Specifications: Unit:mm

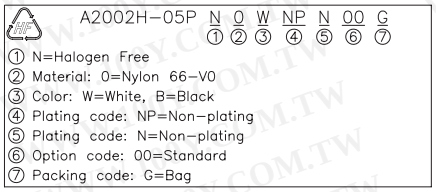
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2002-TPE	AWG#24-#30	1.40mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

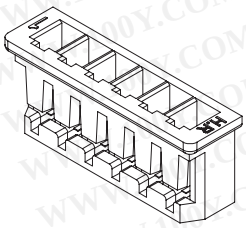
Note:E-Stamping before Tin-plated

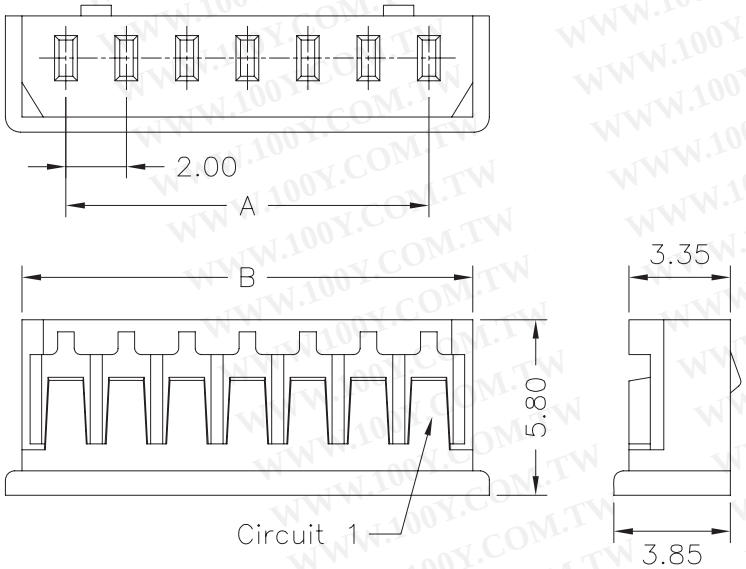
A2002H 2.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2002 series Terminal
*Mates with H.R A2002 series Wafer







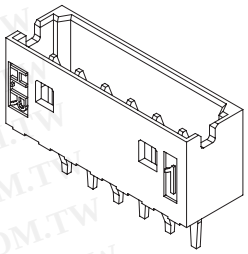
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2002H-02P	2.00	4.90
A2002H-03P	4.00	6.90
A2002H-04P	6.00	8.90
A2002H-05P	8.00	10.90
A2002H-06P	10.00	12.90
A2002H-07P	12.00	14.90
A2002H-08P	14.00	16.90
A2002H-09P	16.00	18.90
A2002H-10P	18.00	20.90
A2002H-11P	20.00	22.90
A2002H-12P	22.00	24.90
A2002H-13P	24.00	26.90
A2002H-14P	26.00	28.90
A2002H-15P	28.00	30.90

Unit:mm

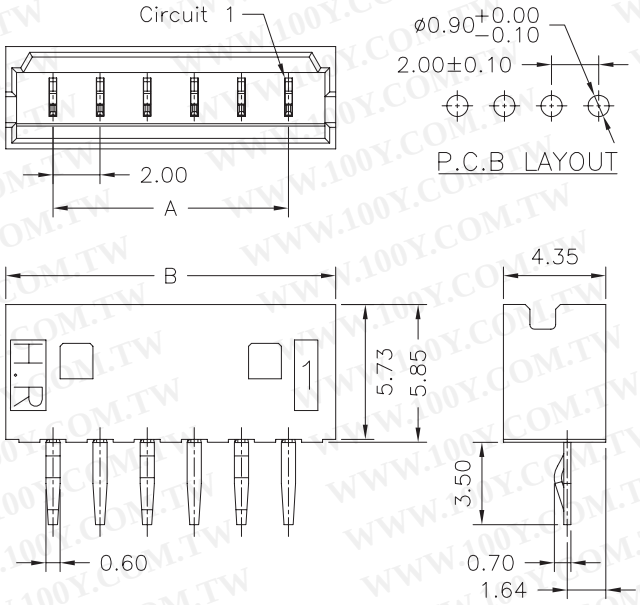
A2002WV

2.00mm pitch 180° Wafer



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2002 series Housing



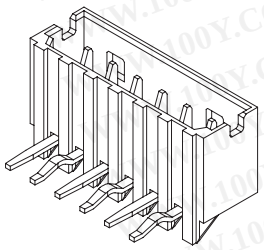
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2002WV-02P	2.00	6.00
A2002WV-03P	4.00	8.00
A2002WV-04P	6.00	10.00
A2002WV-05P	8.00	12.00
A2002WV-06P	10.00	14.00
A2002WV-07P	12.00	16.00
A2002WV-08P	14.00	18.00
A2002WV-09P	16.00	20.00
A2002WV-10P	18.00	22.00
A2002WV-11P	20.00	24.00
A2002WV-12P	22.00	26.00
A2002WV-13P	24.00	28.00
A2002WV-14P	26.00	30.00
A2002WV-15P	28.00	32.00

Unit:mm

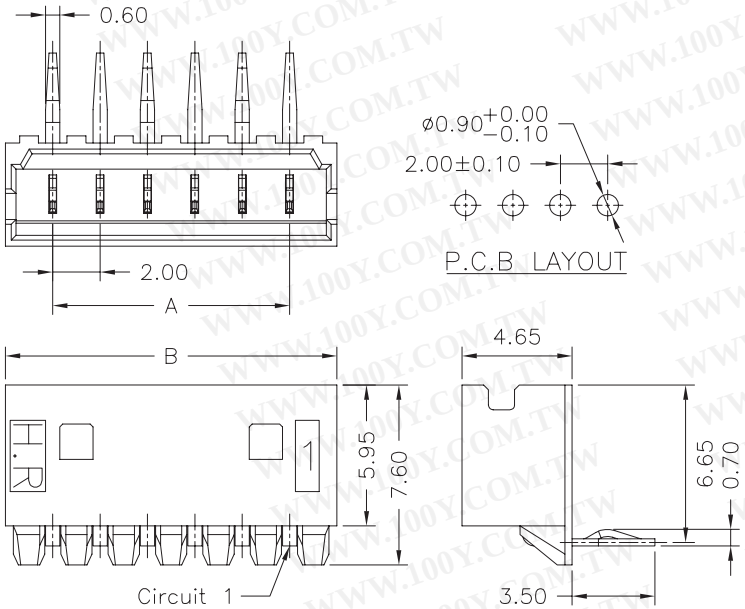
A2002WR

2.00mm pitch 90° Wafer



Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2002 series Housing

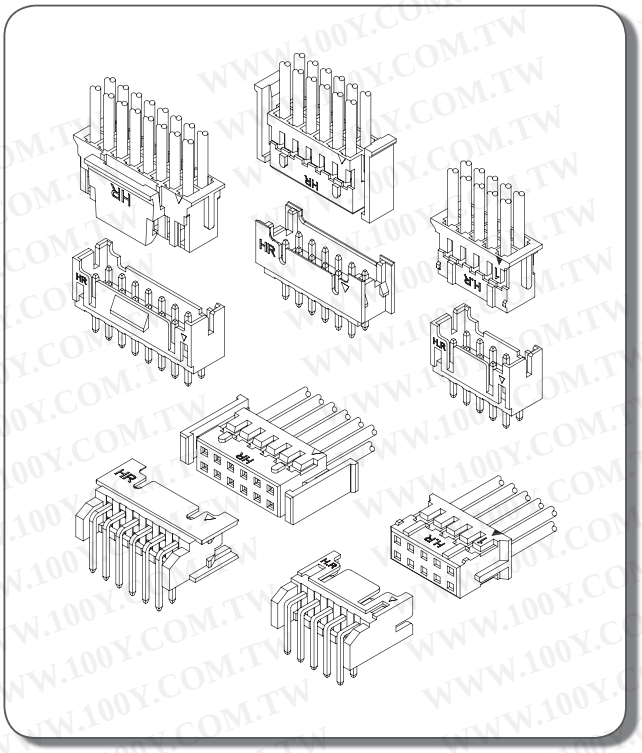


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2002WR-02P	2.00	6.00
A2002WR-03P	4.00	8.00
A2002WR-04P	6.00	10.00
A2002WR-05P	8.00	12.00
A2002WR-06P	10.00	14.00
A2002WR-07P	12.00	16.00
A2002WR-08P	14.00	18.00
A2002WR-09P	16.00	20.00
A2002WR-10P	18.00	22.00
A2002WR-11P	20.00	24.00
A2002WR-12P	22.00	26.00
A2002WR-13P	24.00	28.00
A2002WR-14P	26.00	30.00
A2002WR-15P	28.00	32.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



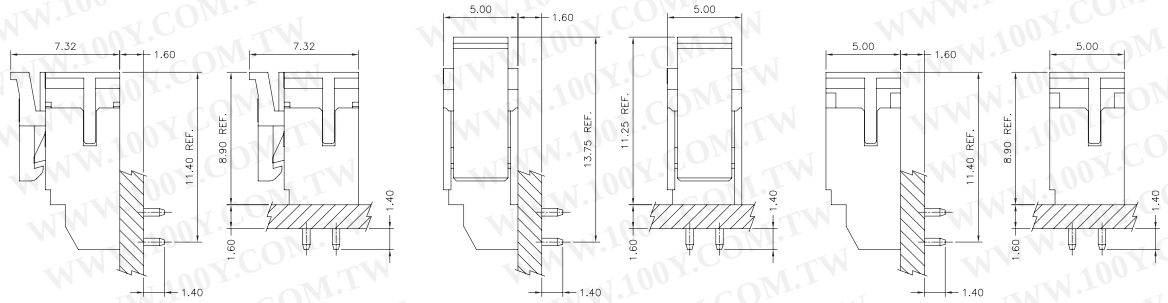
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A2004 – T P E -LB

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: (Refer to drawings)

❶ ❷ ❸ ❹ ❺ ❻
A2004 H B – 2X 10P -1

❶ Series No.
❷ H=Housing
❸ Blank=Normal type, A=A type, B=B type
❹ 2X=Dual row
❺ No. of circuits
❻ Option code: (Refer to drawings)

❶ ❷ ❸ ❹ ❺ ❻
A2004 WV B – 2X 05P Y01

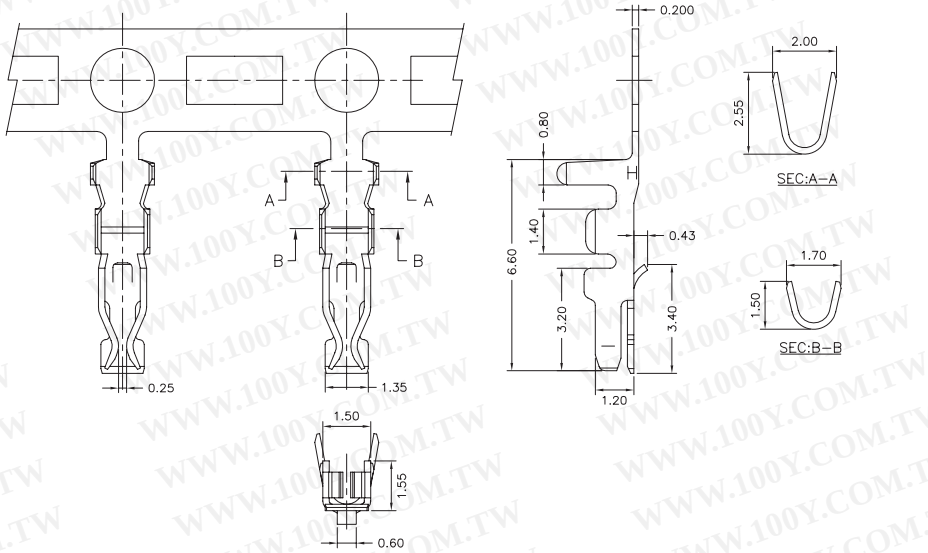
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type, A=A type, B=B type
❹ 2X=Dual row
❺ No. of circuits
❻ Option code: (Refer to drawings)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2004-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2004H,A2004HA series dual row Housing



Ordering Information & Specifications: Unit:mm

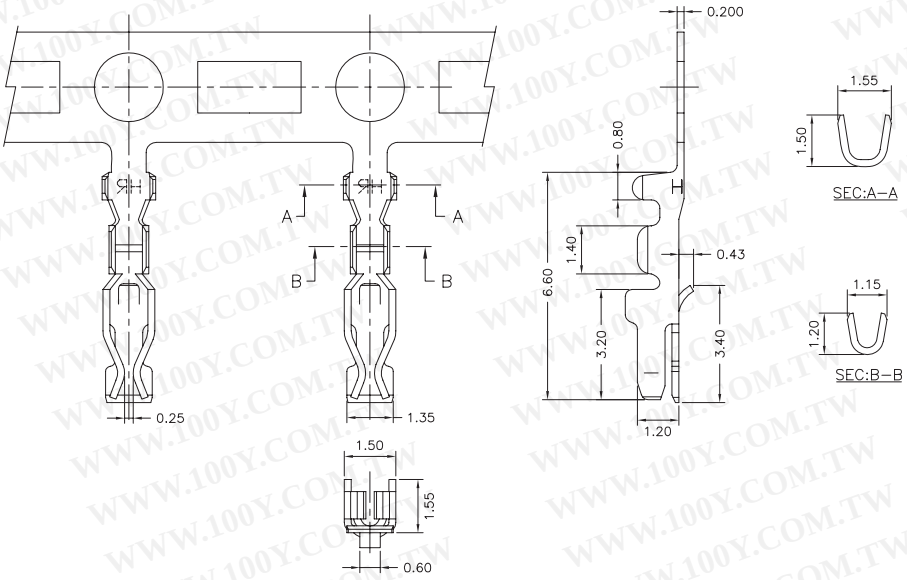
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2004-TPE	AWG#22-#28	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2004-GPE	AWG#22-#28	1.50mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

Note:E-Stamping before Tin-plated or Gold-flash

A2004-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2004H,A2004HA series dual row Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2004-TPE-L	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

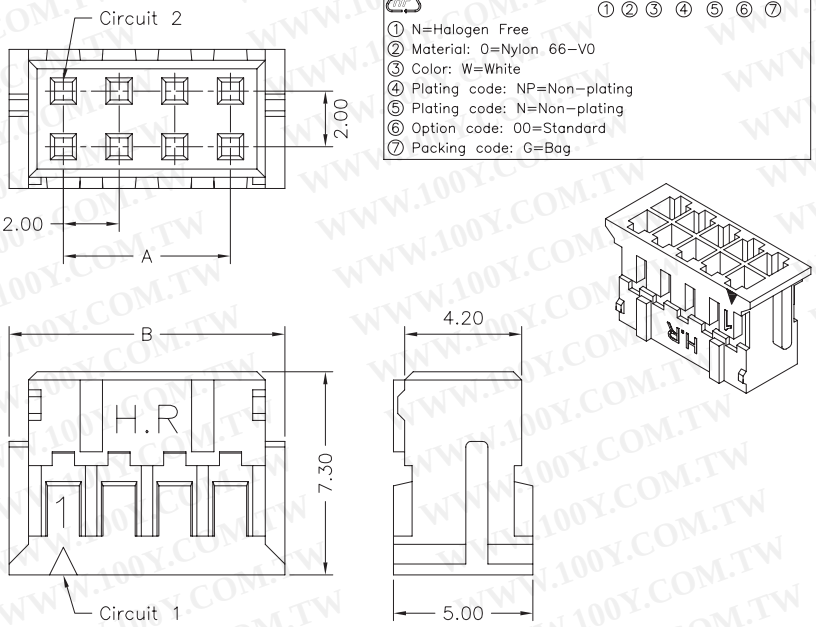
Note:E-Stamping before Tin-plated

A2004H-2

2.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2004 series Terminal
*Mates with H.R A2004WV,A2004WR series dual row Wafer



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004H-2X02P	2.00	5.90
A2004H-2X03P	4.00	7.90
A2004H-2X04P	6.00	9.90
A2004H-2X05P	8.00	11.90
A2004H-2X06P	10.00	13.90
A2004H-2X07P	12.00	15.90
A2004H-2X08P	14.00	17.90
A2004H-2X09P	16.00	19.90
A2004H-2X10P	18.00	21.90
A2004H-2X11P	20.00	23.90
A2004H-2X12P	22.00	25.90
A2004H-2X13P	24.00	27.90
A2004H-2X14P	26.00	29.90
A2004H-2X15P	28.00	31.90
A2004H-2X16P	30.00	33.90
A2004H-2X17P	32.00	35.90
A2004H-2X18P	34.00	37.90
A2004H-2X19P	36.00	39.90
A2004H-2X20P	38.00	41.90
A2004H-2X21P	40.00	43.90
A2004H-2X22P	42.00	45.90
A2004H-2X23P	44.00	47.90
A2004H-2X24P	46.00	49.90

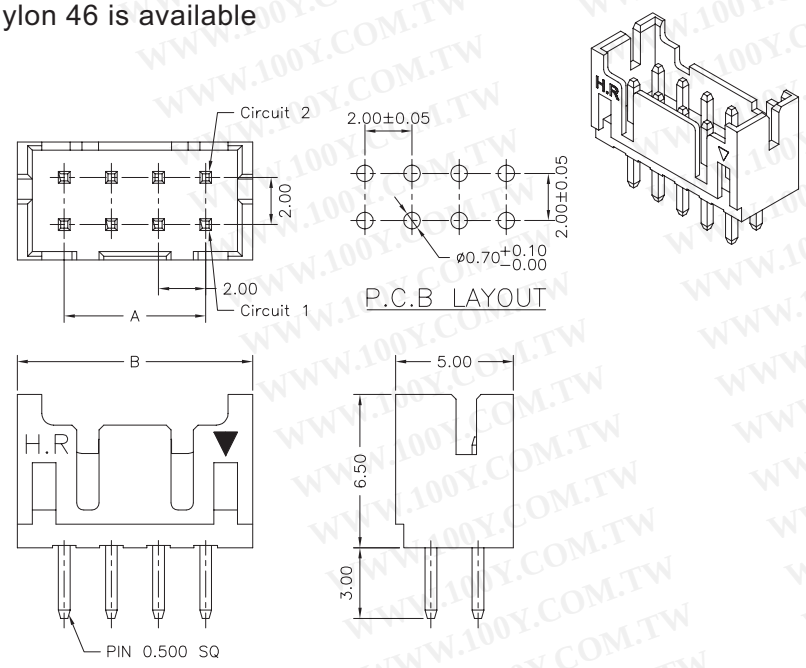
Unit:mm

A2004WV-2

2.00mm pitch 180° Dual Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2004H series dual row Housing
*Soldertail Length 2.00mm or 2.50mm is available
*Nylon 46 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004WV-2X02P	2.00	6.00
A2004WV-2X03P	4.00	8.00
A2004WV-2X04P	6.00	10.00
A2004WV-2X05P	8.00	12.00
A2004WV-2X06P	10.00	14.00
A2004WV-2X07P	12.00	16.00
A2004WV-2X08P	14.00	18.00
A2004WV-2X09P	16.00	20.00
A2004WV-2X10P	18.00	22.00
A2004WV-2X11P	20.00	24.00
A2004WV-2X12P	22.00	26.00
A2004WV-2X13P	24.00	28.00
A2004WV-2X14P	26.00	30.00
A2004WV-2X15P	28.00	32.00
A2004WV-2X16P	30.00	34.00
A2004WV-2X17P	32.00	36.00
A2004WV-2X18P	34.00	38.00
A2004WV-2X19P	36.00	40.00
A2004WV-2X20P	38.00	42.00
A2004WV-2X21P	40.00	44.00
A2004WV-2X22P	42.00	46.00
A2004WV-2X23P	44.00	48.00
A2004WV-2X24P	46.00	50.00

Unit:mm

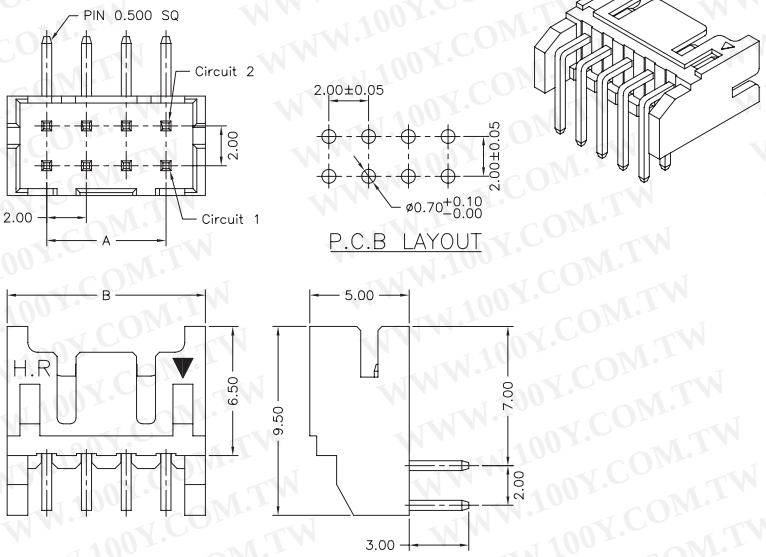
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2004WR-2

2.00mm pitch 90° Dual Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2004H series dual row Housing
*Soldertail Length 2.00mm or 2.50mm is available
*Nylon 46 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004WR-2X02P	2.00	6.00
A2004WR-2X03P	4.00	8.00
A2004WR-2X04P	6.00	10.00
A2004WR-2X05P	8.00	12.00
A2004WR-2X06P	10.00	14.00
A2004WR-2X07P	12.00	16.00
A2004WR-2X08P	14.00	18.00
A2004WR-2X09P	16.00	20.00
A2004WR-2X10P	18.00	22.00
A2004WR-2X11P	20.00	24.00
A2004WR-2X12P	22.00	26.00
A2004WR-2X13P	24.00	28.00
A2004WR-2X14P	26.00	30.00
A2004WR-2X15P	28.00	32.00
A2004WR-2X16P	30.00	34.00
A2004WR-2X17P	32.00	36.00
A2004WR-2X18P	34.00	38.00
A2004WR-2X19P	36.00	40.00
A2004WR-2X20P	38.00	42.00

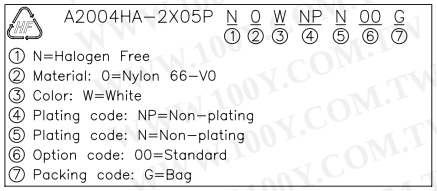
Unit:mm

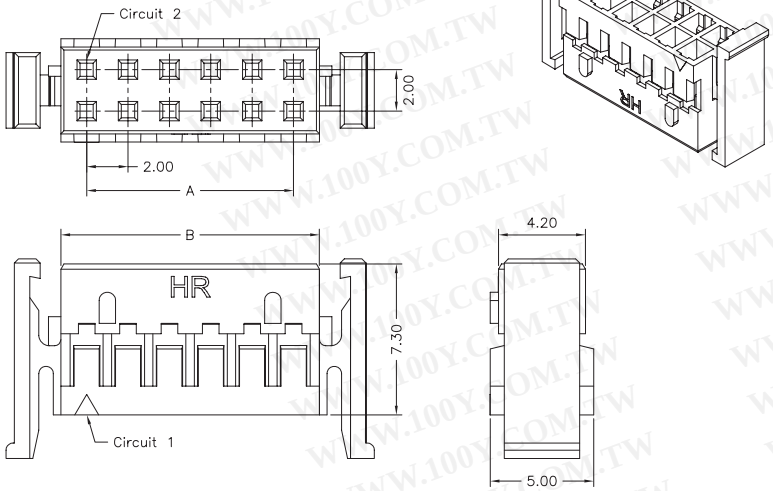
A2004HA-2

2.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2004 series Terminal
*Mates with H.R A2004WVA,A2004WRA series dual row Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004HA-2X02P	2.00	4.50
A2004HA-2X03P	4.00	6.50
A2004HA-2X04P	6.00	8.50
A2004HA-2X05P	8.00	10.50
A2004HA-2X06P	10.00	12.50
A2004HA-2X07P	12.00	14.50
A2004HA-2X08P	14.00	16.50
A2004HA-2X09P	16.00	18.50
A2004HA-2X10P	18.00	20.50
A2004HA-2X11P	20.00	22.50
A2004HA-2X12P	22.00	24.50
A2004HA-2X13P	24.00	26.50
A2004HA-2X14P	26.00	28.50
A2004HA-2X15P	28.00	30.50
A2004HA-2X16P	30.00	32.50
A2004HA-2X17P	32.00	34.50
A2004HA-2X18P	34.00	36.50
A2004HA-2X19P	36.00	38.50
A2004HA-2X20P	38.00	40.50
A2004HA-2X22P	42.00	44.50

Unit:mm

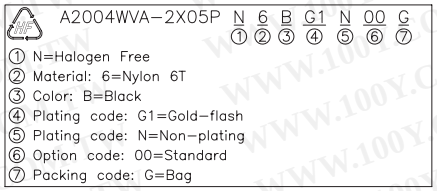
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

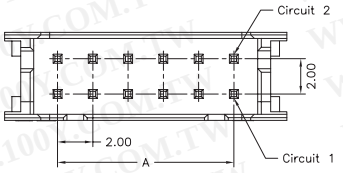
A2004WVA-2

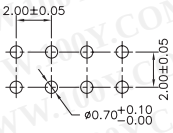
2.00mm pitch 180° Dual Row Wafer

Reference Informations:

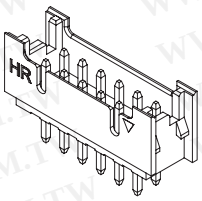
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2004HA series dual row Housing
*Soldertail Length 2.40mm is available

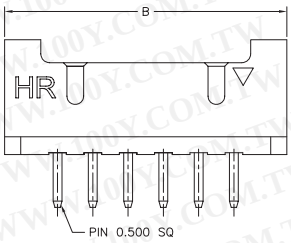


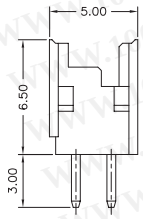




P.C.B LAYOUT







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004WVA-2X02P	2.00	8.00
A2004WVA-2X03P	4.00	10.00
A2004WVA-2X04P	6.00	12.00
A2004WVA-2X05P	8.00	14.00
A2004WVA-2X06P	10.00	16.00
A2004WVA-2X07P	12.00	18.00
A2004WVA-2X08P	14.00	20.00
A2004WVA-2X09P	16.00	22.00
A2004WVA-2X10P	18.00	24.00
A2004WVA-2X11P	20.00	26.00
A2004WVA-2X12P	22.00	28.00
A2004WVA-2X13P	24.00	30.00
A2004WVA-2X14P	26.00	32.00
A2004WVA-2X15P	28.00	34.00
A2004WVA-2X16P	30.00	36.00
A2004WVA-2X17P	32.00	38.00
A2004WVA-2X18P	34.00	40.00
A2004WVA-2X19P	36.00	42.00
A2004WVA-2X20P	38.00	44.00
A2004WVA-2X22P	42.00	48.00

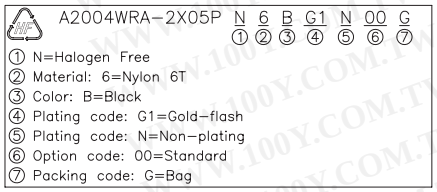
Unit:mm

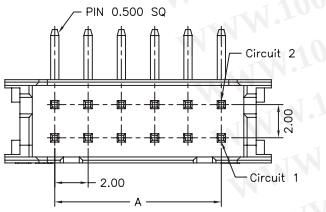
A2004WRA-2

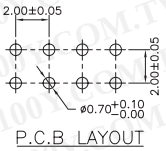
2.00mm pitch 90° Dual Row Wafer

Reference Informations:

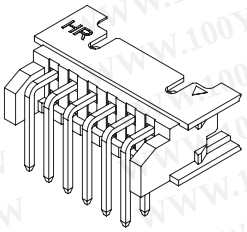
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2004HA series dual row Housing
*Soldertail Length 2.40mm is available

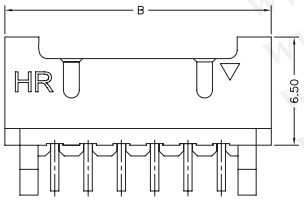


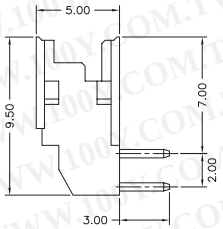




P.C.B LAYOUT







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004WRA-2X02P	2.00	8.00
A2004WRA-2X03P	4.00	10.00
A2004WRA-2X04P	6.00	12.00
A2004WRA-2X05P	8.00	14.00
A2004WRA-2X06P	10.00	16.00
A2004WRA-2X07P	12.00	18.00
A2004WRA-2X08P	14.00	20.00
A2004WRA-2X09P	16.00	22.00
A2004WRA-2X10P	18.00	24.00
A2004WRA-2X11P	20.00	26.00
A2004WRA-2X12P	22.00	28.00
A2004WRA-2X13P	24.00	30.00
A2004WRA-2X14P	26.00	32.00
A2004WRA-2X15P	28.00	34.00
A2004WRA-2X16P	30.00	36.00
A2004WRA-2X17P	32.00	38.00
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A2004WRA-2X19P	36.00	42.00
A2004WRA-2X20P	38.00	44.00

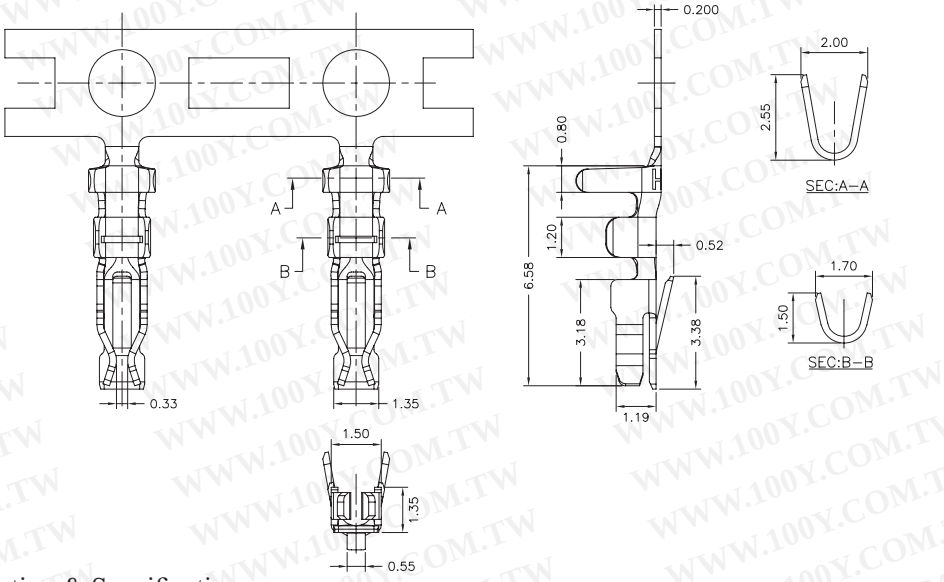
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2004-T 2.00mm pitch Crimp Terminal - B TYPE

Reference Informations:

*Used in H.R A2004HB series dual row Housing



Ordering Information & Specifications: Unit:mm

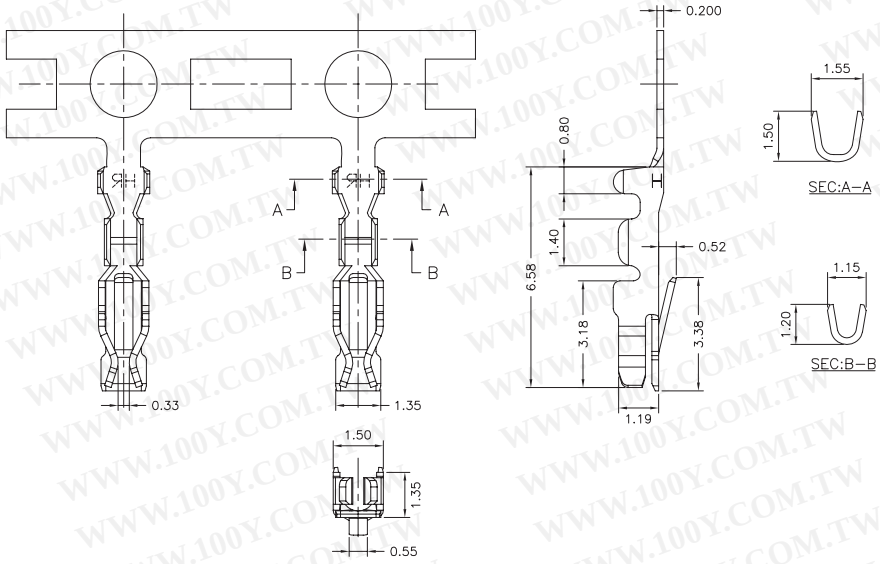
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2004-TP-B	AWG#22-#28	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2004-TPE-B	AWG#22-#28	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

A2004-T 2.00mm pitch Crimp Terminal - B TYPE

Reference Informations:

*Used in H.R A2004HB series dual row Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2004-TP-LB	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2004-TPE-LB	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

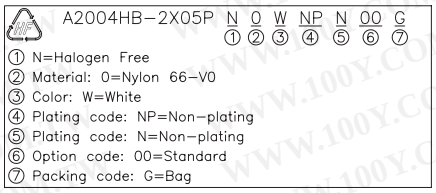
Note:E-Stamping before Tin-plated

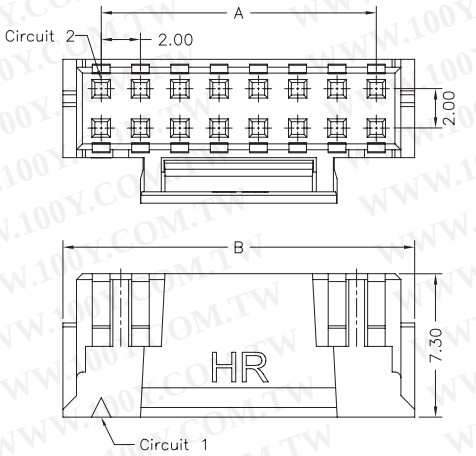
A2004HB-2

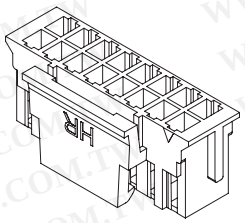
2.00mm pitch Dual Row Housing - B TYPE

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2004 series Terminal - B TYPE
*Mates with H.R A2004WVB,A2004WRB series dual row Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004HB-2X02P	2.00	5.90
A2004HB-2X03P	4.00	7.90
A2004HB-2X04P	6.00	9.90
A2004HB-2X05P	8.00	11.90
A2004HB-2X06P	10.00	13.90
A2004HB-2X07P	12.00	15.90
A2004HB-2X08P	14.00	17.90
A2004HB-2X09P	16.00	19.90
A2004HB-2X10P	18.00	21.90
A2004HB-2X11P	20.00	23.90
A2004HB-2X12P	22.00	25.90
A2004HB-2X13P	24.00	27.90
A2004HB-2X14P	26.00	29.90
A2004HB-2X15P	28.00	31.90
A2004HB-2X16P	30.00	33.90
A2004HB-2X17P	32.00	35.90
A2004HB-2X18P	34.00	37.90
A2004HB-2X19P	36.00	39.90
A2004HB-2X20P	38.00	41.90
A2004HB-2X21P	40.00	43.90
A2004HB-2X22P	42.00	45.90

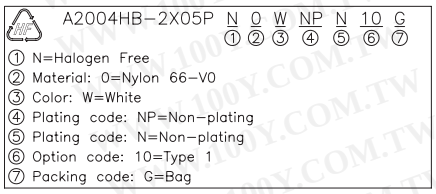
Unit:mm

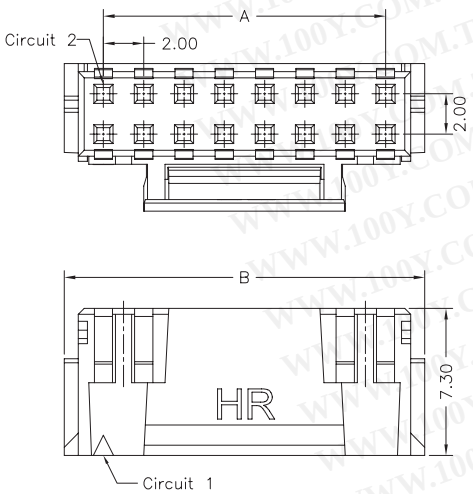
A2004HB-2

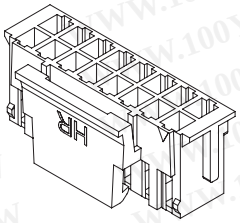
2.00mm pitch Dual Row Housing - B TYPE

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2004 series Terminal - B TYPE
*Mates with H.R A2004WVB,A2004WRB series dual row Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004HB-2X10P-1	18.00	21.90
A2004HB-2X11P-1	20.00	23.90
A2004HB-2X12P-1	22.00	25.90
A2004HB-2X13P-1	24.00	27.90
A2004HB-2X14P-1	26.00	29.90
A2004HB-2X15P-1	28.00	31.90
A2004HB-2X16P-1	30.00	33.90
A2004HB-2X17P-1	32.00	35.90
A2004HB-2X18P-1	34.00	37.90
A2004HB-2X19P-1	36.00	39.90
A2004HB-2X20P-1	38.00	41.90
A2004HB-2X21P-1	40.00	43.90
A2004HB-2X22P-1	42.00	45.90

Unit:mm

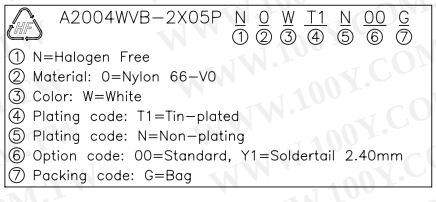
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

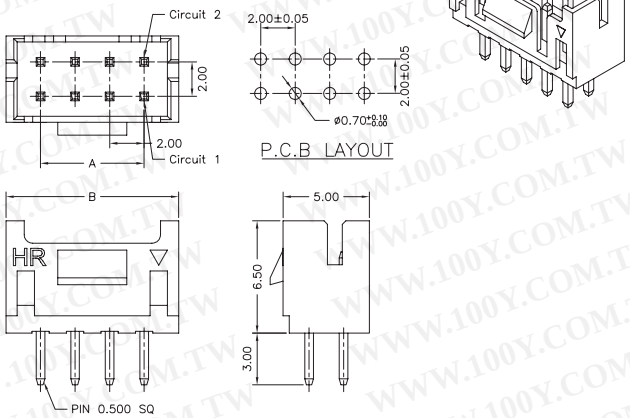
A2004WVB-2

2.00mm pitch 180° Dual Row Wafer - B TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2004HB series dual row Housing
*Soldertail Length 2.40mm is available





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004WVB-2X02P	2.00	6.00
A2004WVB-2X03P	4.00	8.00
A2004WVB-2X04P	6.00	10.00
A2004WVB-2X05P	8.00	12.00
A2004WVB-2X06P	10.00	14.00
A2004WVB-2X07P	12.00	16.00
A2004WVB-2X08P	14.00	18.00
A2004WVB-2X09P	16.00	20.00
A2004WVB-2X10P	18.00	22.00
A2004WVB-2X11P	20.00	24.00
A2004WVB-2X12P	22.00	26.00
A2004WVB-2X13P	24.00	28.00
A2004WVB-2X14P	26.00	30.00
A2004WVB-2X15P	28.00	32.00
A2004WVB-2X16P	30.00	34.00
A2004WVB-2X17P	32.00	36.00
A2004WVB-2X18P	34.00	38.00
A2004WVB-2X19P	36.00	40.00
A2004WVB-2X20P	38.00	42.00
A2004WVB-2X21P	40.00	44.00
A2004WVB-2X22P	42.00	46.00

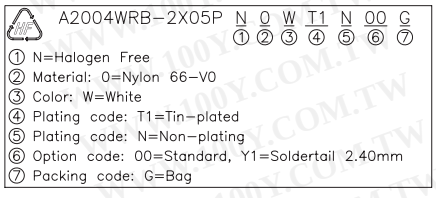
Unit:mm

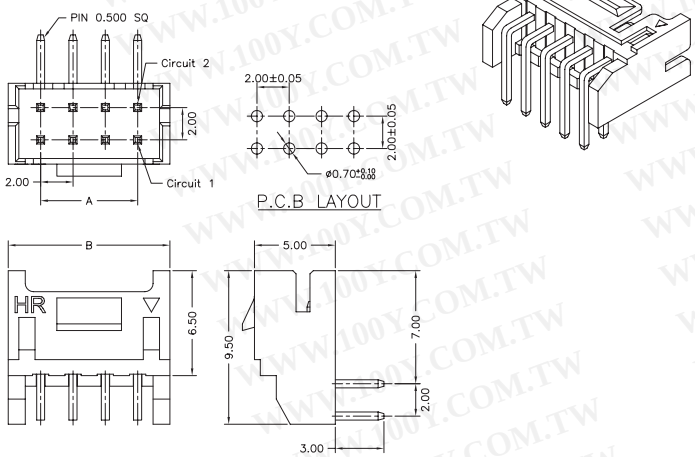
A2004WRB-2

2.00mm pitch 90° Dual Row Wafer - B TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2004HB series dual row Housing
*Soldertail Length 2.40mm is available



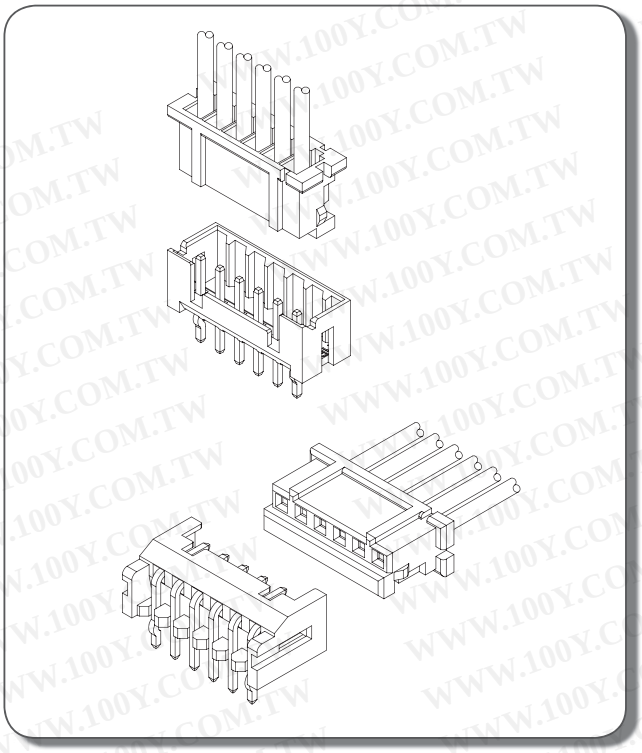


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2004WRB-2X02P	2.00	6.00
A2004WRB-2X03P	4.00	8.00
A2004WRB-2X04P	6.00	10.00
A2004WRB-2X05P	8.00	12.00
A2004WRB-2X06P	10.00	14.00
A2004WRB-2X07P	12.00	16.00
A2004WRB-2X08P	14.00	18.00
A2004WRB-2X09P	16.00	20.00
A2004WRB-2X10P	18.00	22.00
A2004WRB-2X11P	20.00	24.00
A2004WRB-2X12P	22.00	26.00
A2004WRB-2X13P	24.00	28.00
A2004WRB-2X14P	26.00	30.00
A2004WRB-2X15P	28.00	32.00
A2004WRB-2X16P	30.00	34.00
A2004WRB-2X17P	32.00	36.00
A2004WRB-2X18P	34.00	38.00
A2004WRB-2X19P	36.00	40.00
A2004WRB-2X20P	38.00	42.00
A2004WRB-2X21P	40.00	44.00

Unit:mm

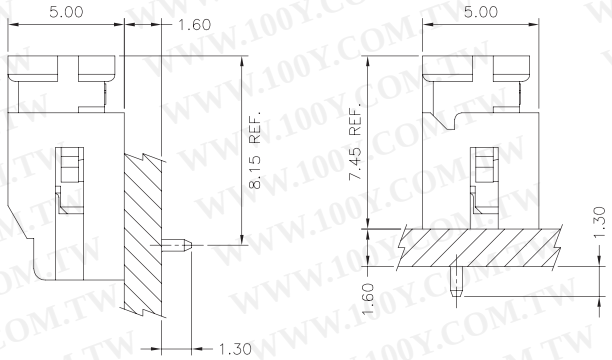
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 650V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2005 - T P E

❶ Series No.
❷ Plating code: T=Tin-plated, Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2005 H - 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

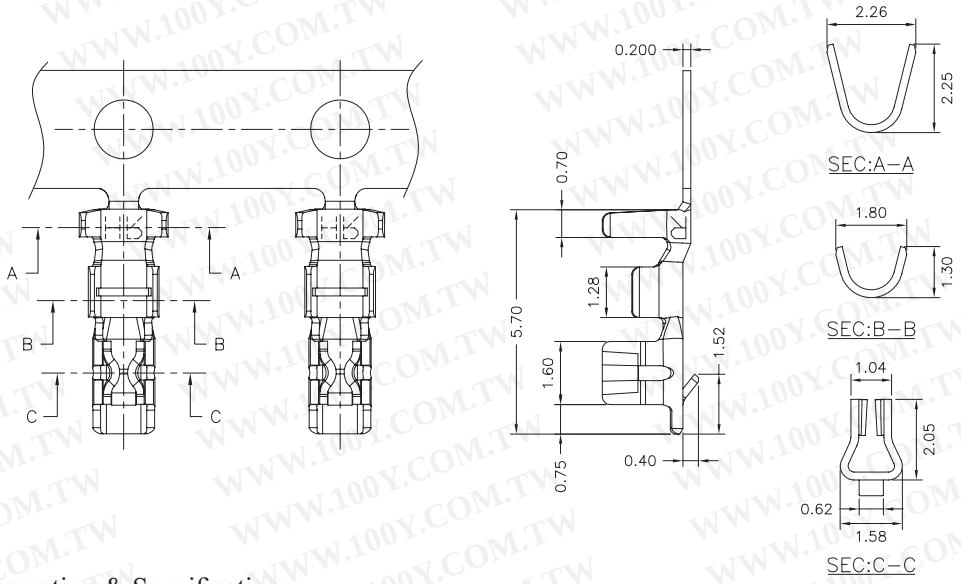
❶ ❷ ❸
A2005 WV - 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

A2005-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2005 series Housing



Ordering Information & Specifications: Unit:mm

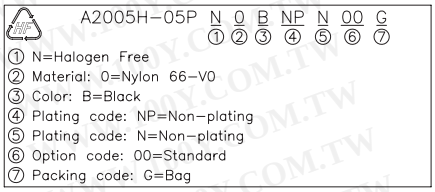
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2005-TPE	AWG#22-#28	1.45mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2005-GPE	AWG#22-#28	1.45mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

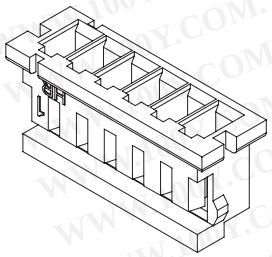
Note:E-Stamping before Tin-plated or Gold-flash

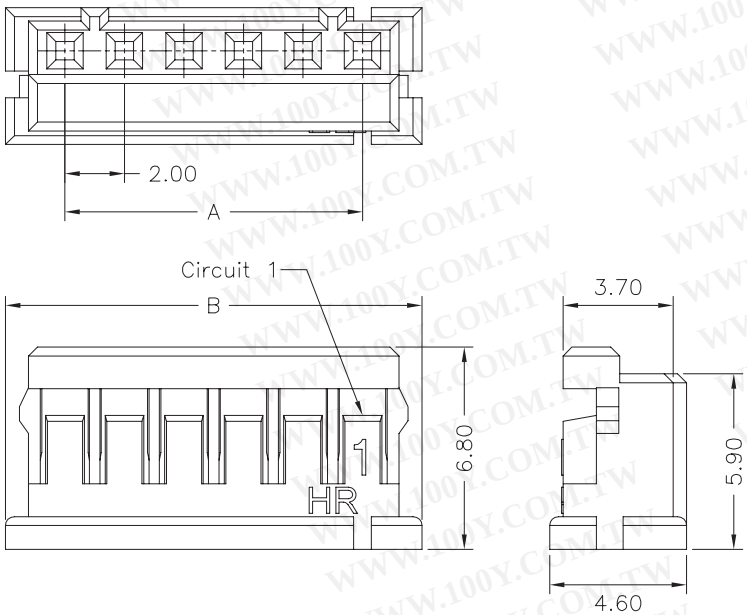
A2005H 2.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2005 series Terminal
*Mates with H.R A2005 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2005H-02P	2.00	6.00
A2005H-03P	4.00	8.00
A2005H-04P	6.00	10.00
A2005H-05P	8.00	12.00
A2005H-06P	10.00	14.00
A2005H-07P	12.00	16.00
A2005H-08P	14.00	18.00
A2005H-09P	16.00	20.00
A2005H-10P	18.00	22.00
A2005H-11P	20.00	24.00
A2005H-12P	22.00	26.00
A2005H-13P	24.00	28.00
A2005H-14P	26.00	30.00
A2005H-15P	28.00	32.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

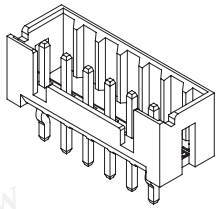
A2005WV

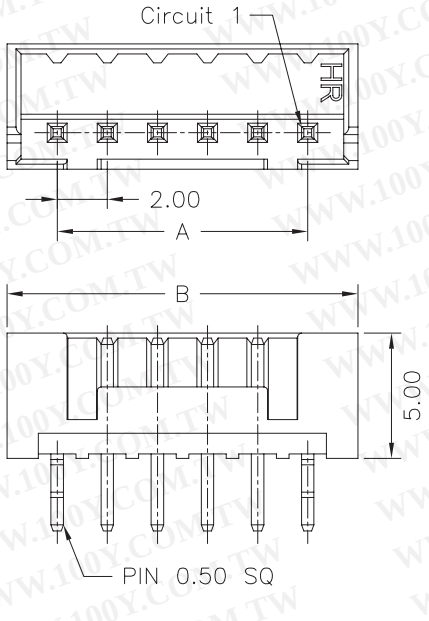
2.00mm pitch 180° Wafer

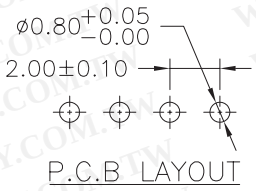
Reference Informations:

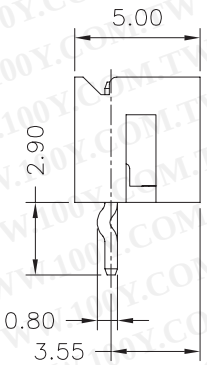
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2005 series Housing

A2005WV-05P N 6 B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2005WV-02P	2.00	6.00
A2005WV-03P	4.00	8.00
A2005WV-04P	6.00	10.00
A2005WV-05P	8.00	12.00
A2005WV-06P	10.00	14.00
A2005WV-07P	12.00	16.00
A2005WV-08P	14.00	18.00
A2005WV-09P	16.00	20.00
A2005WV-10P	18.00	22.00
A2005WV-11P	20.00	24.00
A2005WV-12P	22.00	26.00
A2005WV-13P	24.00	28.00
A2005WV-14P	26.00	30.00
A2005WV-15P	28.00	32.00

Unit:mm

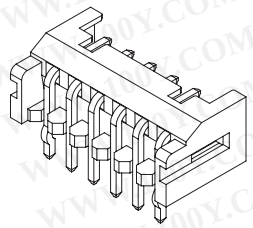
A2005WR

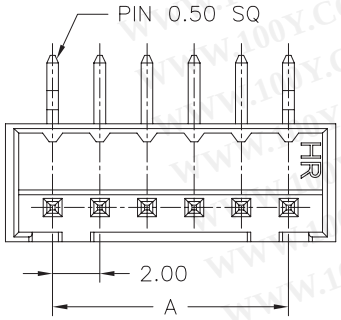
2.00mm pitch 90° Wafer

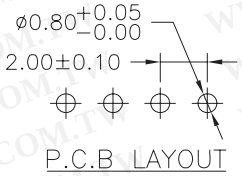
Reference Informations:

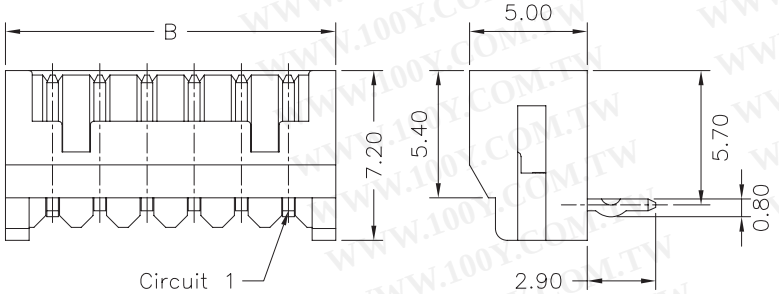
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2005 series Housing

A2005WR-05P N 6 B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag







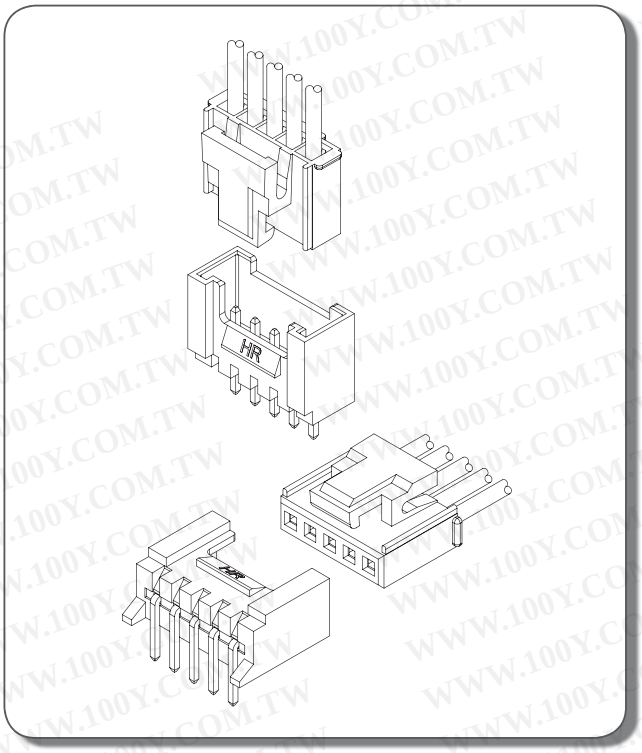


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2005WR-02P	2.00	6.00
A2005WR-03P	4.00	8.00
A2005WR-04P	6.00	10.00
A2005WR-05P	8.00	12.00
A2005WR-06P	10.00	14.00
A2005WR-07P	12.00	16.00
A2005WR-08P	14.00	18.00
A2005WR-09P	16.00	20.00
A2005WR-10P	18.00	22.00
A2005WR-11P	20.00	24.00
A2005WR-12P	22.00	26.00
A2005WR-13P	24.00	28.00
A2005WR-14P	26.00	30.00
A2005WR-15P	28.00	32.00

Unit:mm

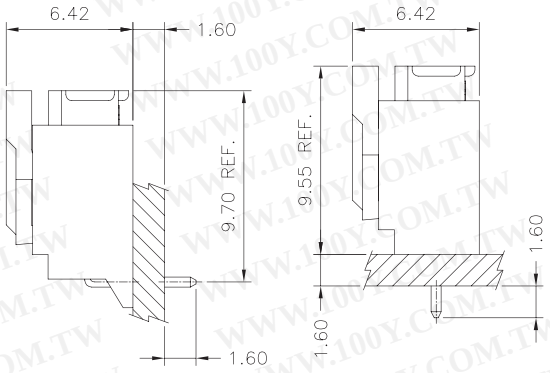
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2006 H – 05P -BK

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code: –BK=Black

❶ ❷ ❸ ❹ ❺
A2006 WV -F – 05P BK

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
–F=With boss
❹ No. of circuits
❺ Option code: BK=Black

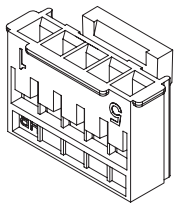
A2006-H

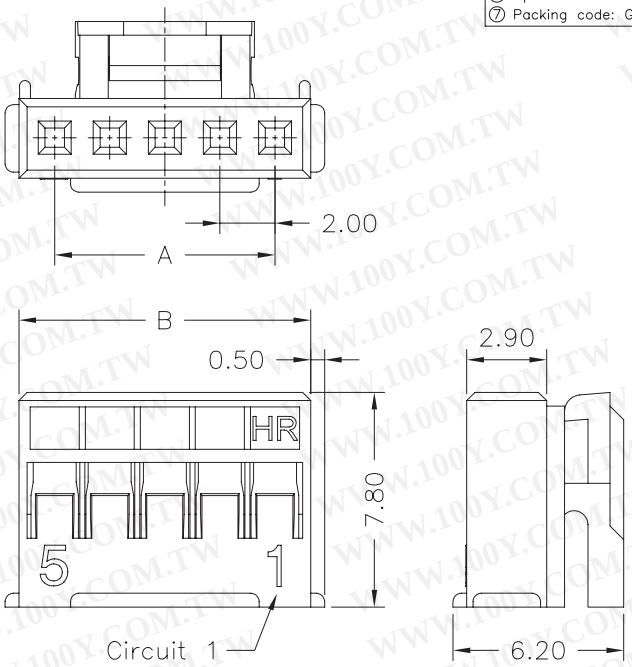
2.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2211 series Terminal
*Mates with H.R A2006 series Wafer

A2006H-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White, B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2006H-02P	2.00	4.60
A2006H-03P	4.00	6.60
A2006H-04P	6.00	8.60
A2006H-05P	8.00	10.60
A2006H-06P	10.00	12.60
A2006H-07P	12.00	14.60
A2006H-08P	14.00	16.60
A2006H-09P	16.00	18.60
A2006H-10P	18.00	20.60
A2006H-11P	20.00	22.60
A2006H-12P	22.00	24.60
A2006H-13P	24.00	26.60
A2006H-14P	26.00	28.60
A2006H-15P	28.00	30.60
A2006H-16P	30.00	32.60

Unit:mm

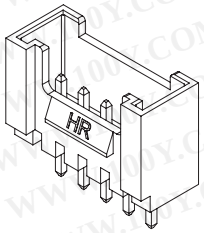
A2006WV

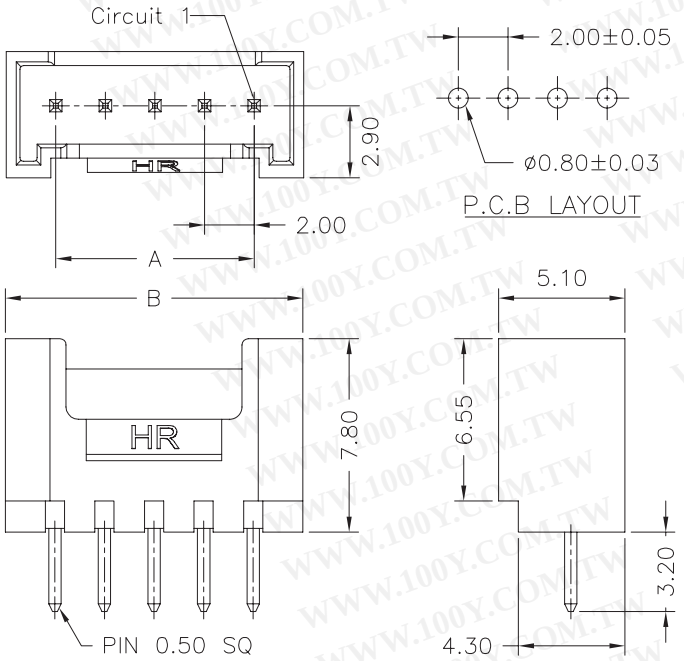
2.00mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 46,UL94V-0
*Mates with H.R A2006 series Housing

A2006WV-05P N 6 B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2006WV-02P	2.00	6.00
A2006WV-03P	4.00	8.00
A2006WV-04P	6.00	10.00
A2006WV-05P	8.00	12.00
A2006WV-06P	10.00	14.00
A2006WV-07P	12.00	16.00
A2006WV-08P	14.00	18.00
A2006WV-09P	16.00	20.00
A2006WV-10P	18.00	22.00
A2006WV-11P	20.00	24.00
A2006WV-12P	22.00	26.00
A2006WV-13P	24.00	28.00
A2006WV-14P	26.00	30.00
A2006WV-15P	28.00	32.00
A2006WV-16P	30.00	34.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

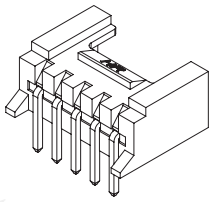
A2006WR

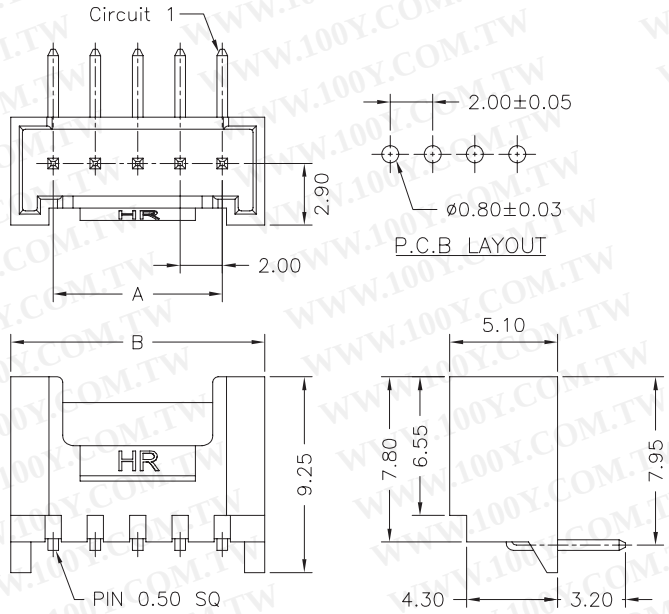
2.00mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 46,UL94V-0
*Mates with H.R A2006 series Housing

A2006WR-05P N 6 B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2006WR-02P	2.00	6.00
A2006WR-03P	4.00	8.00
A2006WR-04P	6.00	10.00
A2006WR-05P	8.00	12.00
A2006WR-06P	10.00	14.00
A2006WR-07P	12.00	16.00
A2006WR-08P	14.00	18.00
A2006WR-09P	16.00	20.00
A2006WR-10P	18.00	22.00
A2006WR-11P	20.00	24.00
A2006WR-12P	22.00	26.00
A2006WR-13P	24.00	28.00
A2006WR-14P	26.00	30.00
A2006WR-15P	28.00	32.00
A2006WR-16P	30.00	34.00

Unit:mm

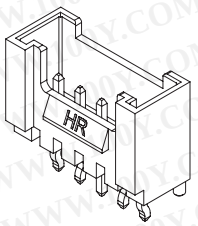
A2006WV-F

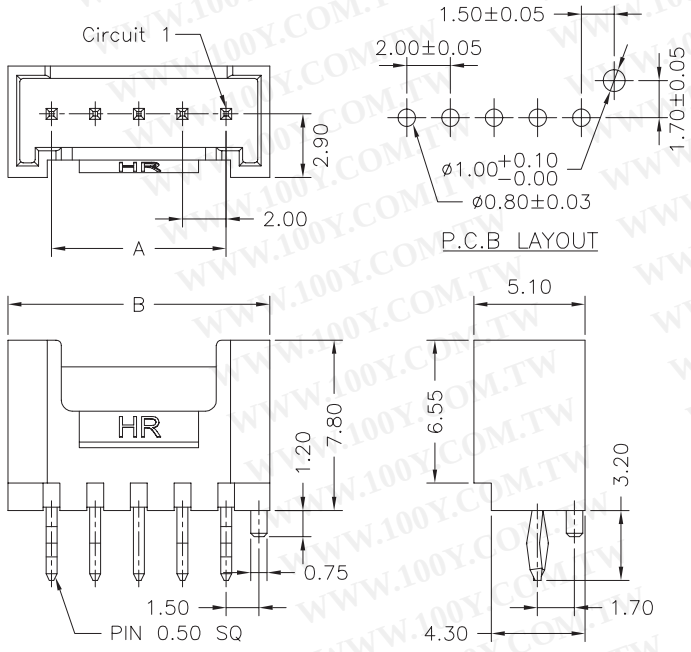
2.00mm pitch 180° Wafer With Boss

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 46,UL94V-0
*Mates with H.R A2006 series Housing

A2006WV-F-05P N 6 B G1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2006WV-F-02P	2.00	6.00
A2006WV-F-03P	4.00	8.00
A2006WV-F-04P	6.00	10.00
A2006WV-F-05P	8.00	12.00
A2006WV-F-06P	10.00	14.00
A2006WV-F-07P	12.00	16.00
A2006WV-F-08P	14.00	18.00
A2006WV-F-09P	16.00	20.00
A2006WV-F-10P	18.00	22.00
A2006WV-F-11P	20.00	24.00
A2006WV-F-12P	22.00	26.00
A2006WV-F-13P	24.00	28.00
A2006WV-F-14P	26.00	30.00
A2006WV-F-15P	28.00	32.00
A2006WV-F-16P	30.00	34.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

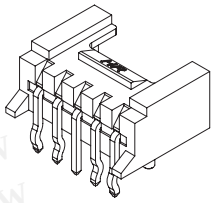
A2006WR-F

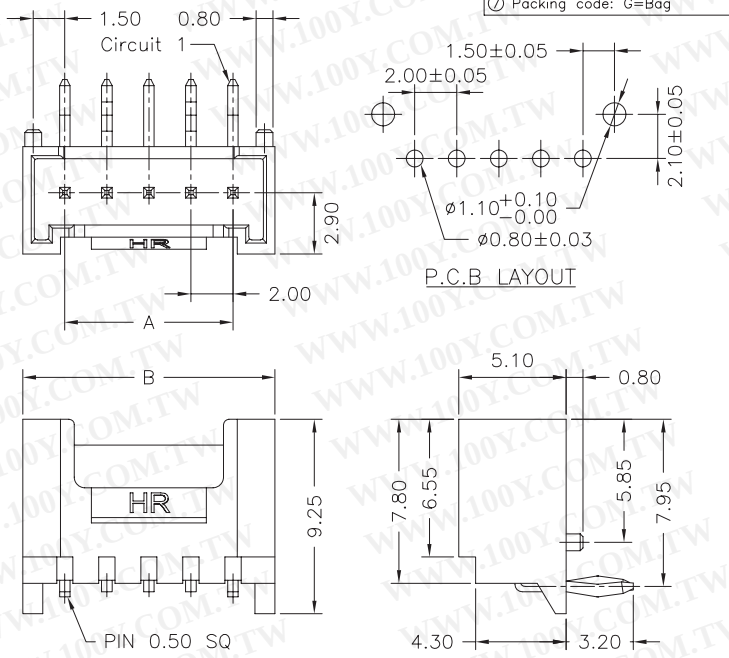
2.00mm pitch 90° Wafer With Boss

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 46,UL94V-0
*Mates with H.R A2006 series Housing

A2006WR-F-05P N 6 B G1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink
⑦ Packing code: G=Bag

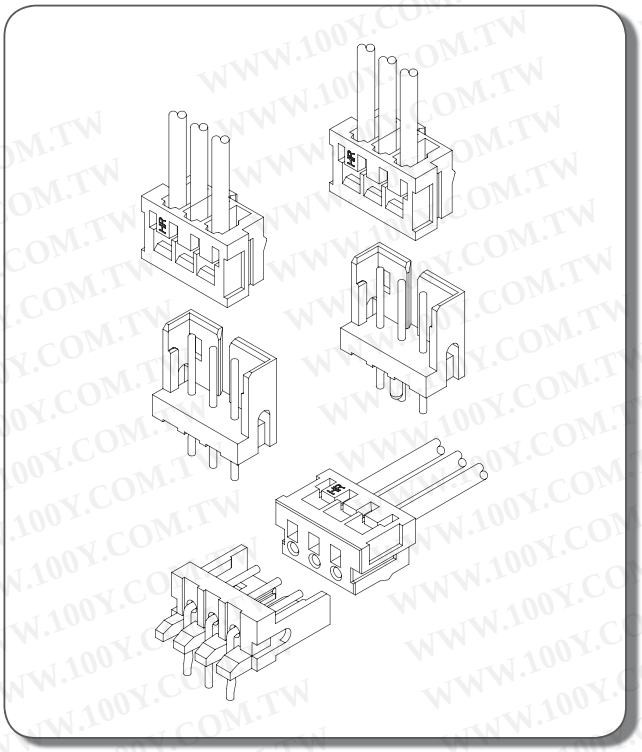




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2006WR-F-02P	2.00	6.00
A2006WR-F-03P	4.00	8.00
A2006WR-F-04P	6.00	10.00
A2006WR-F-05P	8.00	12.00
A2006WR-F-06P	10.00	14.00
A2006WR-F-07P	12.00	16.00
A2006WR-F-08P	14.00	18.00
A2006WR-F-09P	16.00	20.00
A2006WR-F-10P	18.00	22.00
A2006WR-F-11P	20.00	24.00
A2006WR-F-12P	22.00	26.00
A2006WR-F-13P	24.00	28.00
A2006WR-F-14P	26.00	30.00
A2006WR-F-15P	28.00	32.00
A2006WR-F-16P	30.00	34.00

Unit:mm



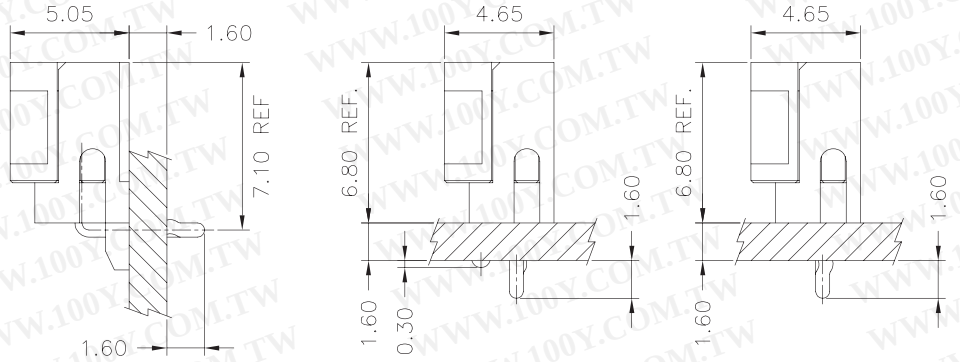
Specifications

Current rating: 4A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2013 - T P E

❶ Series No.
❷ Plating code: T=Tin-plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2013 H - 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

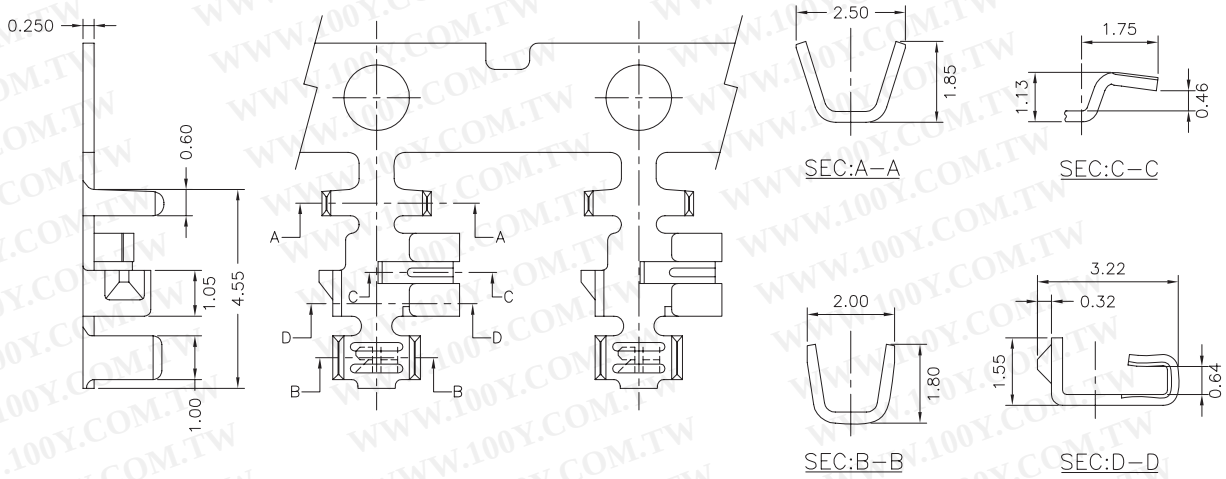
❶ ❷ ❸ ❹ ❺
A2013 WV -F - 03P 46G

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
-F=With boss
❹ No. of circuits
❺ Option code:
46G=Nylon 46, Gold-flash

A2013-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2013 series Housing



Ordering Information & Specifications: Unit:mm

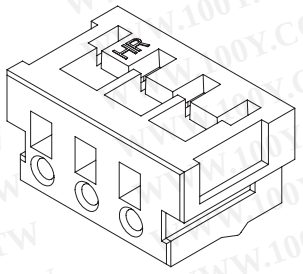
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2013-TPE	AWG#22-#26	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

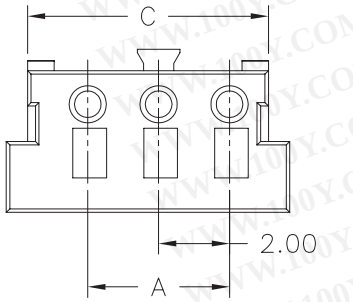
Note:E-Stamping before Tin-plated

A2013H 2.00mm pitch Housing

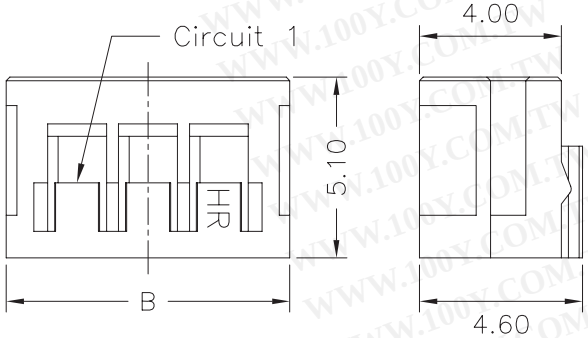
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2013 series Terminal
*Mates with H.R A2013 series Wafer





A2013H-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2013H-02P	2.00	6.00	4.80
A2013H-03P	4.00	8.00	6.80
A2013H-04P	6.00	10.00	8.80
A2013H-05P	8.00	12.00	10.80
A2013H-06P	10.00	14.00	12.80
A2013H-07P	12.00	16.00	14.80
A2013H-08P	14.00	18.00	16.80
A2013H-09P	16.00	20.00	18.80
A2013H-10P	18.00	22.00	20.80
A2013H-11P	20.00	24.00	22.80
A2013H-12P	22.00	26.00	24.80
A2013H-13P	24.00	28.00	26.80
A2013H-14P	26.00	30.00	28.80
A2013H-15P	28.00	32.00	30.80

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

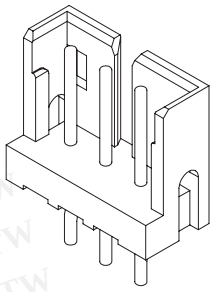
A2013WV

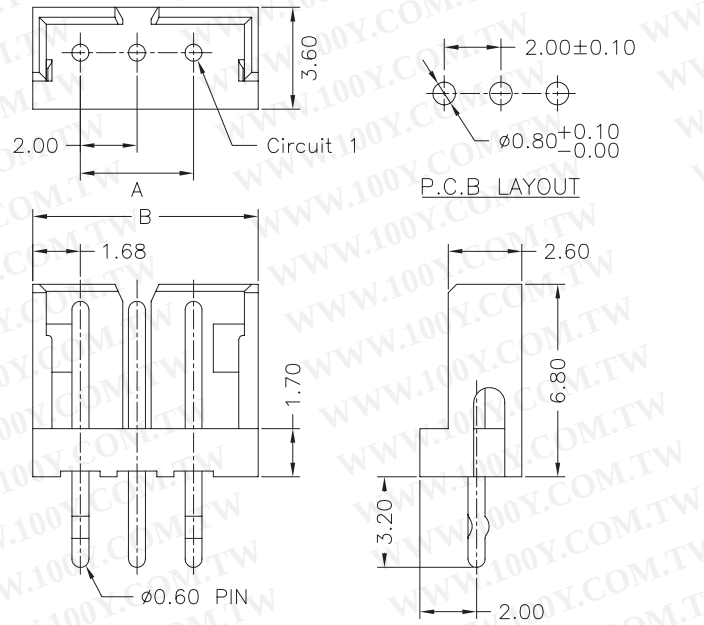
2.00mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2013 series Housing
*Nylon 46 is available

A2013WV-05P N O W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2013WV-02P	2.00	5.96
A2013WV-03P	4.00	7.96
A2013WV-04P	6.00	9.96
A2013WV-05P	8.00	11.96
A2013WV-06P	10.00	13.96
A2013WV-07P	12.00	15.96
A2013WV-08P	14.00	17.96
A2013WV-09P	16.00	19.96
A2013WV-10P	18.00	21.96
A2013WV-11P	20.00	23.96
A2013WV-12P	22.00	25.96
A2013WV-13P	24.00	27.96
A2013WV-14P	26.00	29.96
A2013WV-15P	28.00	31.96

Unit:mm

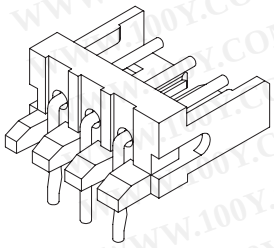
A2013WR

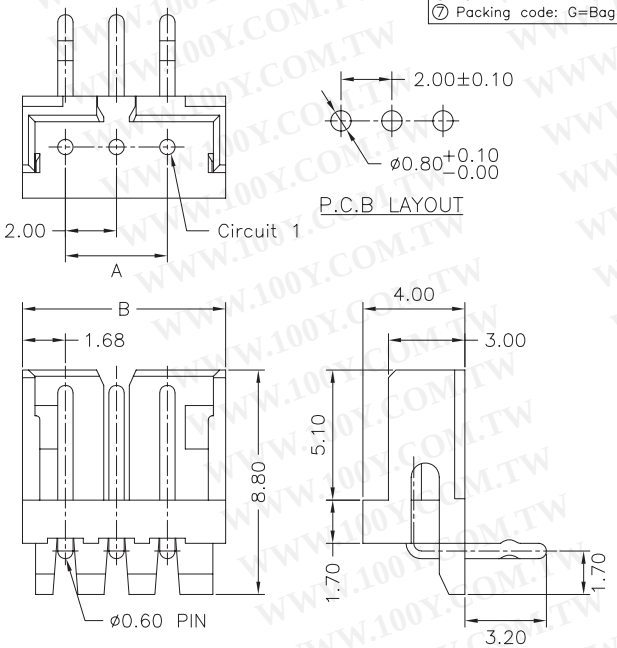
2.00mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2013 series Housing
*Nylon 46 is available

A2013WR-05P N O W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2013WR-02P	2.00	5.96
A2013WR-03P	4.00	7.96
A2013WR-04P	6.00	9.96
A2013WR-05P	8.00	11.96
A2013WR-06P	10.00	13.96
A2013WR-07P	12.00	15.96
A2013WR-08P	14.00	17.96
A2013WR-09P	16.00	19.96
A2013WR-10P	18.00	21.96
A2013WR-11P	20.00	23.96
A2013WR-12P	22.00	25.96
A2013WR-13P	24.00	27.96
A2013WR-14P	26.00	29.96
A2013WR-15P	28.00	31.96

Unit:mm

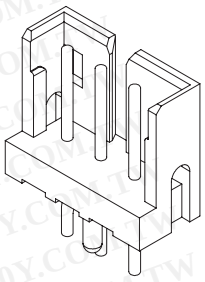
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

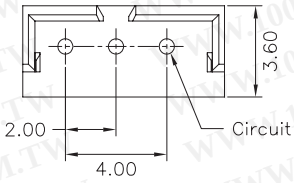
A2013WV-F-03P

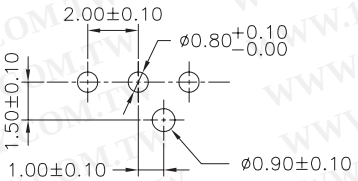
2.00mm pitch 180° Wafer With Foot

Reference Informations:

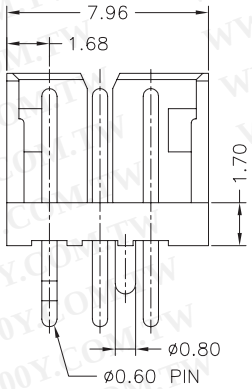
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2013 series Housing

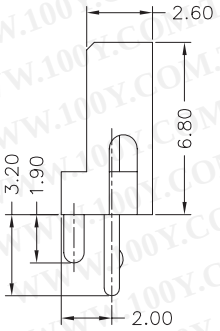






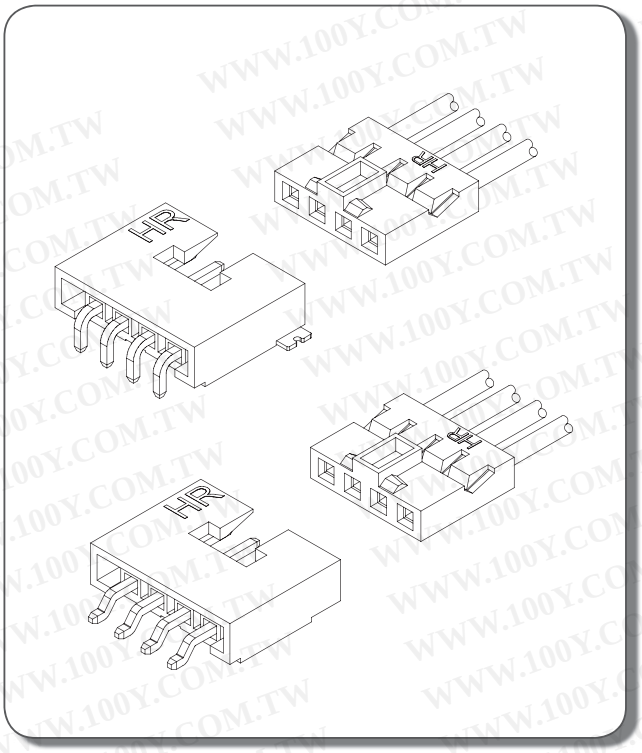
P.C.B LAYOUT





A2013WV-F-03P N 0 W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦

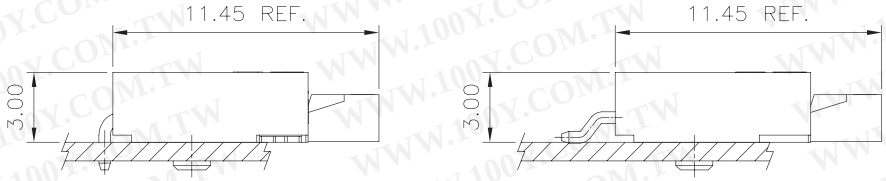
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink
⑦ Packing code: G=Bag



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸
A2014 H-04P

❶ Series No.
❷ H=Housing
❸ No. of circuits

❶ ❷ ❸ ❹
A2014 WR-SF-04P

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: F=SMT with through hole
SF=SMT with boss
❹ No. of circuits

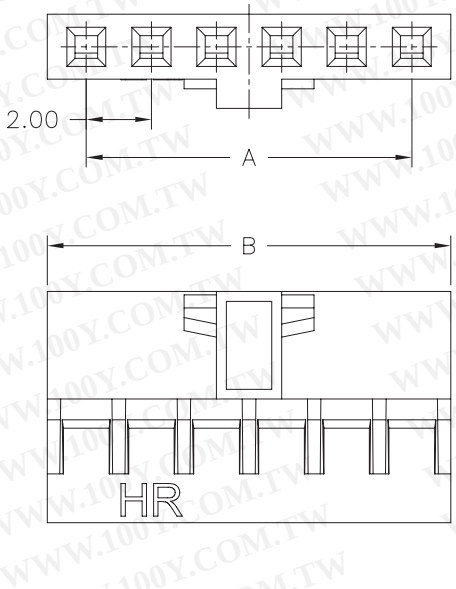
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

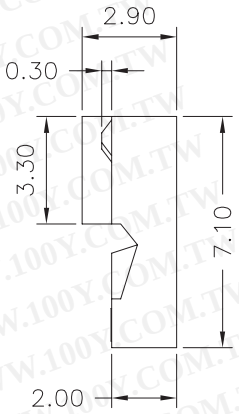
A2014H 2.00mm pitch Housing

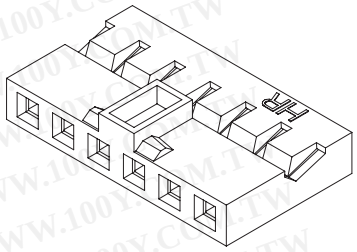
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2014 series Wafer

A2014H-04P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2014H-04P	6.00	8.40
A2014H-06P	10.00	12.40

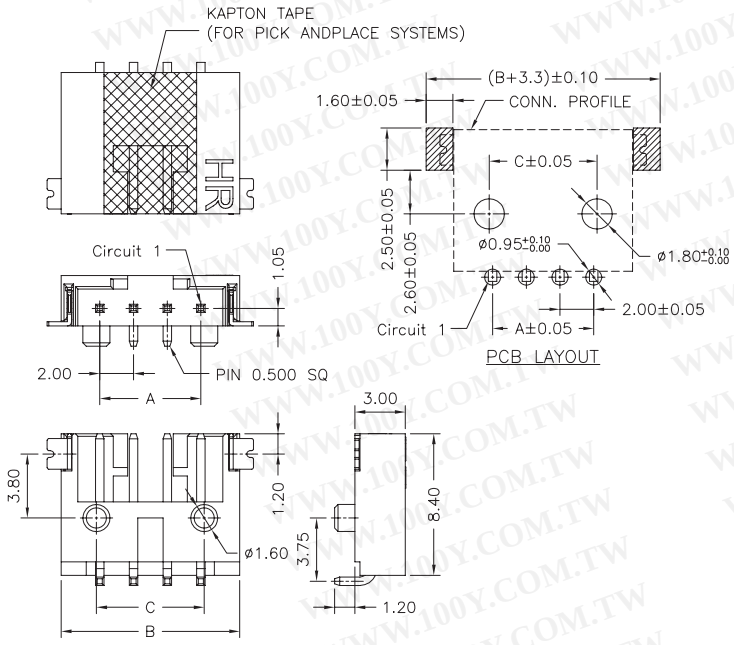
Unit:mm

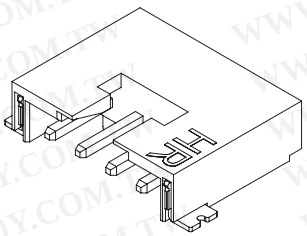
A2014WR-F 2.00mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: LCP,UL94V-0
*Mates with H.R A2014 series Housing

A2014WR-F-04P N L N G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2014WR-F-04P	6.00	10.60	6.40
A2014WR-F-06P	10.00	14.60	10.40
A2014WR-F-08P	14.00	18.60	14.40

Unit:mm

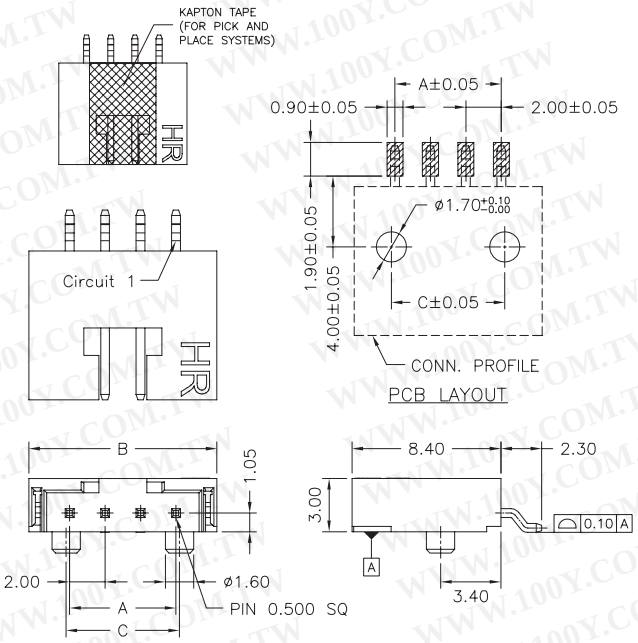
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2014WR-SF

2.00mm pitch 90° Wafer - SMT TYPE

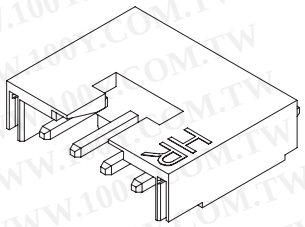
Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: LCP,UL94V-0
*Mates with H.R A2014 series Housing



A2014WR-SF-04P N L N G1 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦

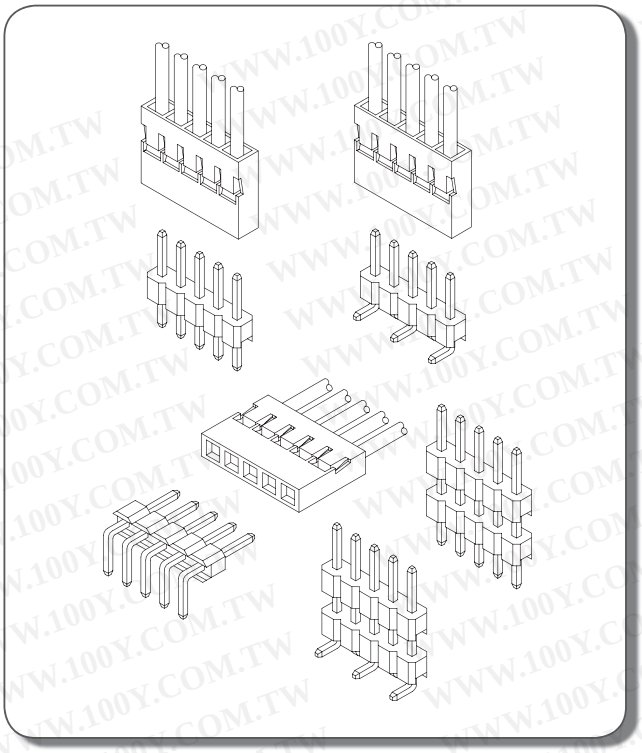
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2014WR-SF-04P	6.00	10.60	6.40
A2014WR-SF-06P	10.00	14.60	10.40
A2014WR-SF-08P	14.00	18.60	14.40

Unit:mm



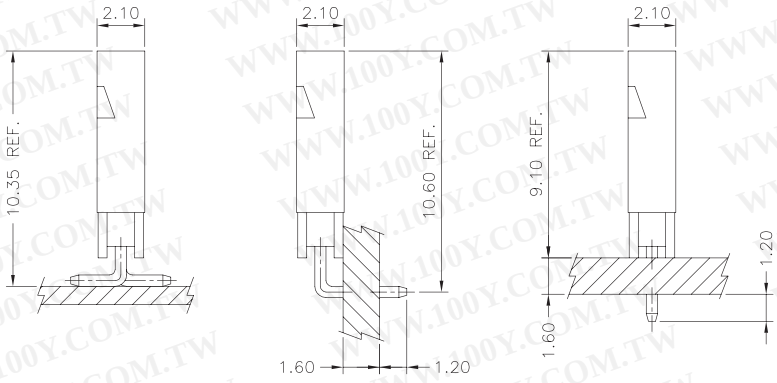
Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2015 – G P E

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2015 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

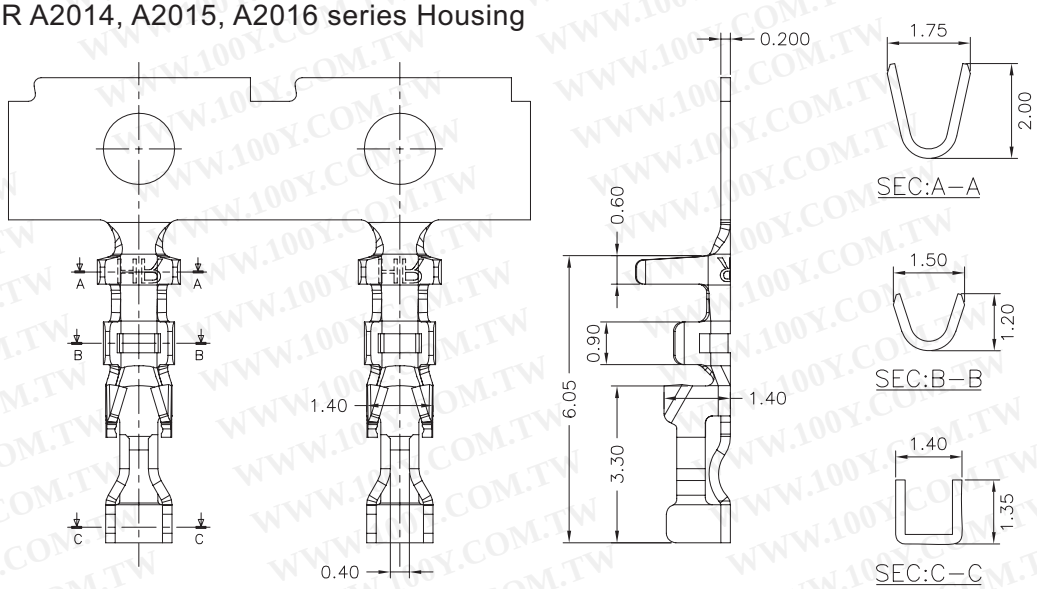
❶ ❷ ❸ ❹ ❺ ❻
A2015 WV A -S – 05P 6T

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers or
A Type(Right angle type only)
❹ Mounting type: Blank=Through hole
-S=SMT with boss
❺ No. of circuits
❻ Option code:
6T=Nylon 6T, Black(Through hole type only)

A2015-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2014, A2015, A2016 series Housing



Ordering Information & Specifications: Unit:mm

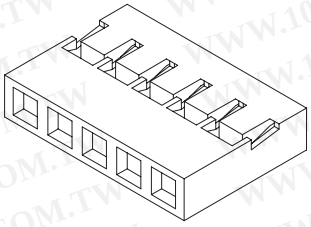
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2015-TPE	AWG#26-#30	1.40mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2015-GPE	AWG#26-#30	1.40mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

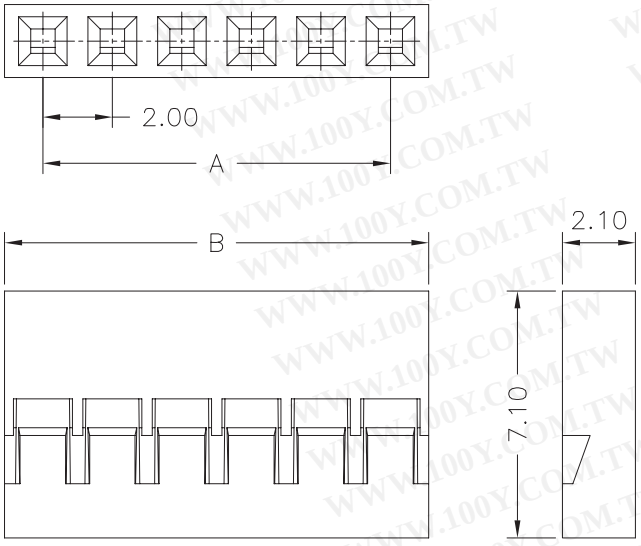
Note:E-Stamping before Tin-plated or Gold-flash

A2015H 2.00mm pitch Single Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2015 series single row Pin Header





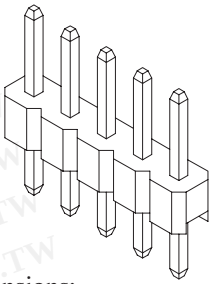
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2015H-02P	2.00	4.20	A2015H-17P	32.00	34.20
A2015H-03P	4.00	6.20	A2015H-18P	34.00	36.20
A2015H-04P	6.00	8.20	A2015H-19P	36.00	38.20
A2015H-05P	8.00	10.20	A2015H-20P	38.00	40.20
A2015H-06P	10.00	12.20	A2015H-21P	40.00	42.20
A2015H-07P	12.00	14.20	A2015H-22P	42.00	44.20
A2015H-08P	14.00	16.20	A2015H-23P	44.00	46.20
A2015H-09P	16.00	18.20	A2015H-24P	46.00	48.20
A2015H-10P	18.00	20.20	A2015H-25P	48.00	50.20
A2015H-11P	20.00	22.20	A2015H-26P	50.00	52.20
A2015H-12P	22.00	24.20	A2015H-27P	52.00	54.20
A2015H-13P	24.00	26.20	A2015H-28P	54.00	56.20
A2015H-14P	26.00	28.20	A2015H-29P	56.00	58.20
A2015H-15P	28.00	30.20	A2015H-30P	58.00	60.20
A2015H-16P	30.00	32.20			

Unit:mm

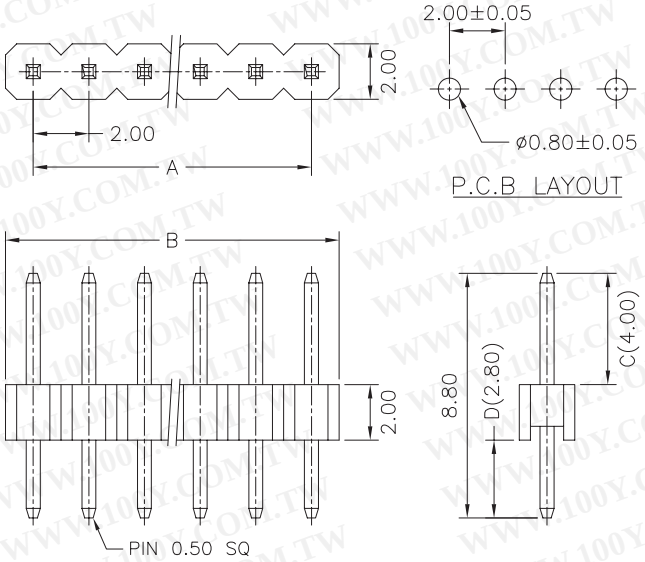
A2015WV

2.00mm pitch 180° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2015 series single row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T is available



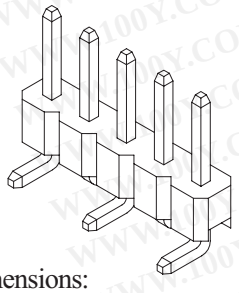
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2015WV-02P	2.00	4.00	A2015WV-22P	42.00	44.00
A2015WV-03P	4.00	6.00	A2015WV-23P	44.00	46.00
A2015WV-04P	6.00	8.00	A2015WV-24P	46.00	48.00
A2015WV-05P	8.00	10.00	A2015WV-25P	48.00	50.00
A2015WV-06P	10.00	12.00	A2015WV-26P	50.00	52.00
A2015WV-07P	12.00	14.00	A2015WV-27P	52.00	54.00
A2015WV-08P	14.00	16.00	A2015WV-28P	54.00	56.00
A2015WV-09P	16.00	18.00	A2015WV-29P	56.00	58.00
A2015WV-10P	18.00	20.00	A2015WV-30P	58.00	60.00
A2015WV-11P	20.00	22.00	A2015WV-31P	60.00	62.00
A2015WV-12P	22.00	24.00	A2015WV-32P	62.00	64.00
A2015WV-13P	24.00	26.00	A2015WV-33P	64.00	66.00
A2015WV-14P	26.00	28.00	A2015WV-34P	66.00	68.00
A2015WV-15P	28.00	30.00	A2015WV-35P	68.00	70.00
A2015WV-16P	30.00	32.00	A2015WV-36P	70.00	72.00
A2015WV-17P	32.00	34.00	A2015WV-37P	72.00	74.00
A2015WV-18P	34.00	36.00	A2015WV-38P	74.00	76.00
A2015WV-19P	36.00	38.00	A2015WV-39P	76.00	78.00
A2015WV-20P	38.00	40.00	A2015WV-40P	78.00	80.00
A2015WV-21P	40.00	42.00			

Unit:mm

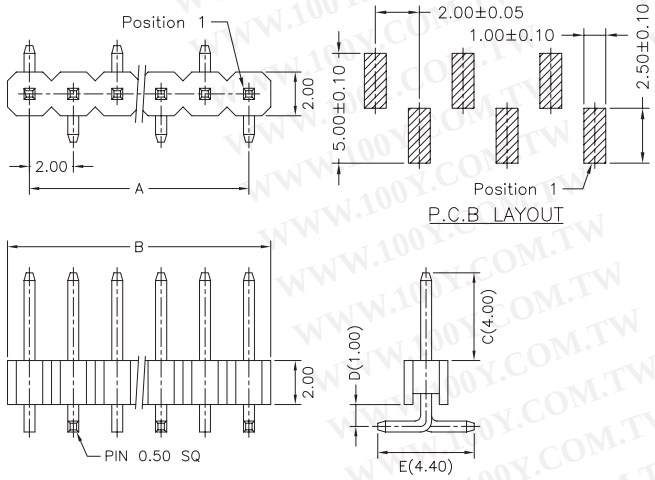
A2015WV-S

2.00mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2015 series single row Housing
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

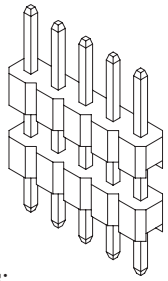
PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2015WV-S-02P	2.00	4.00	A2015WV-S-22P	42.00	44.00
A2015WV-S-03P	4.00	6.00	A2015WV-S-23P	44.00	46.00
A2015WV-S-04P	6.00	8.00	A2015WV-S-24P	46.00	48.00
A2015WV-S-05P	8.00	10.00	A2015WV-S-25P	48.00	50.00
A2015WV-S-06P	10.00	12.00	A2015WV-S-26P	50.00	52.00
A2015WV-S-07P	12.00	14.00	A2015WV-S-27P	52.00	54.00
A2015WV-S-08P	14.00	16.00	A2015WV-S-28P	54.00	56.00
A2015WV-S-09P	16.00	18.00	A2015WV-S-29P	56.00	58.00
A2015WV-S-10P	18.00	20.00	A2015WV-S-30P	58.00	60.00
A2015WV-S-11P	20.00	22.00	A2015WV-S-31P	60.00	62.00
A2015WV-S-12P	22.00	24.00	A2015WV-S-32P	62.00	64.00
A2015WV-S-13P	24.00	26.00	A2015WV-S-33P	64.00	66.00
A2015WV-S-14P	26.00	28.00	A2015WV-S-34P	66.00	68.00
A2015WV-S-15P	28.00	30.00	A2015WV-S-35P	68.00	70.00
A2015WV-S-16P	30.00	32.00	A2015WV-S-36P	70.00	72.00
A2015WV-S-17P	32.00	34.00	A2015WV-S-37P	72.00	74.00
A2015WV-S-18P	34.00	36.00	A2015WV-S-38P	74.00	76.00
A2015WV-S-19P	36.00	38.00	A2015WV-S-39P	76.00	78.00
A2015WV-S-20P	38.00	40.00	A2015WV-S-40P	78.00	80.00
A2015WV-S-21P	40.00	42.00			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

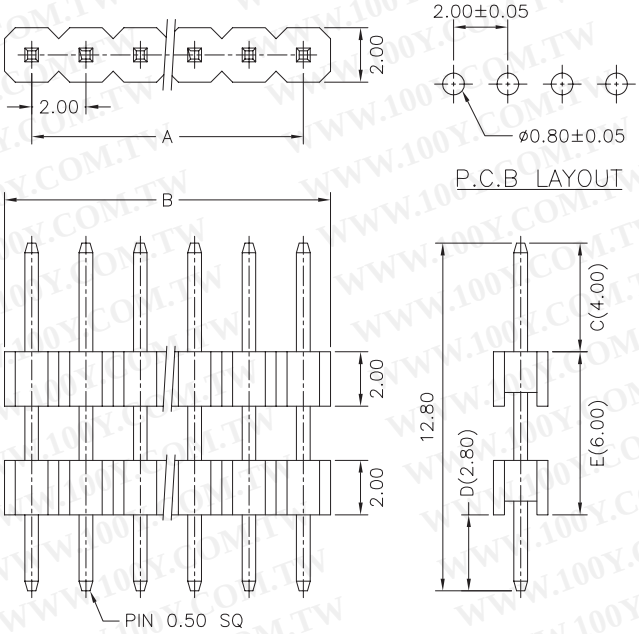
A2015WVA

2.00mm pitch 180° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Optional Dim. available but MOQ requested
*Nylon 6T is available



Ordering Information & Dimensions:

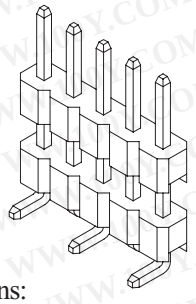
PART NO.	Dimensions	
	A	B
A2015WVA-02P	2.00	4.00
A2015WVA-03P	4.00	6.00
A2015WVA-04P	6.00	8.00
A2015WVA-05P	8.00	10.00
A2015WVA-06P	10.00	12.00
A2015WVA-07P	12.00	14.00
A2015WVA-08P	14.00	16.00
A2015WVA-09P	16.00	18.00
A2015WVA-10P	18.00	20.00
A2015WVA-11P	20.00	22.00
A2015WVA-12P	22.00	24.00
A2015WVA-13P	24.00	26.00
A2015WVA-14P	26.00	28.00
A2015WVA-15P	28.00	30.00
A2015WVA-16P	30.00	32.00
A2015WVA-17P	32.00	34.00
A2015WVA-18P	34.00	36.00
A2015WVA-19P	36.00	38.00
A2015WVA-20P	38.00	40.00
A2015WVA-21P	40.00	42.00

PART NO.	Dimensions	
	A	B
A2015WVA-22P	42.00	44.00
A2015WVA-23P	44.00	46.00
A2015WVA-24P	46.00	48.00
A2015WVA-25P	48.00	50.00
A2015WVA-26P	50.00	52.00
A2015WVA-27P	52.00	54.00
A2015WVA-28P	54.00	56.00
A2015WVA-29P	56.00	58.00
A2015WVA-30P	58.00	60.00
A2015WVA-31P	60.00	62.00
A2015WVA-32P	62.00	64.00
A2015WVA-33P	64.00	66.00
A2015WVA-34P	66.00	68.00
A2015WVA-35P	68.00	70.00
A2015WVA-36P	70.00	72.00
A2015WVA-37P	72.00	74.00
A2015WVA-38P	74.00	76.00
A2015WVA-39P	76.00	78.00
A2015WVA-40P	78.00	80.00

Unit:mm

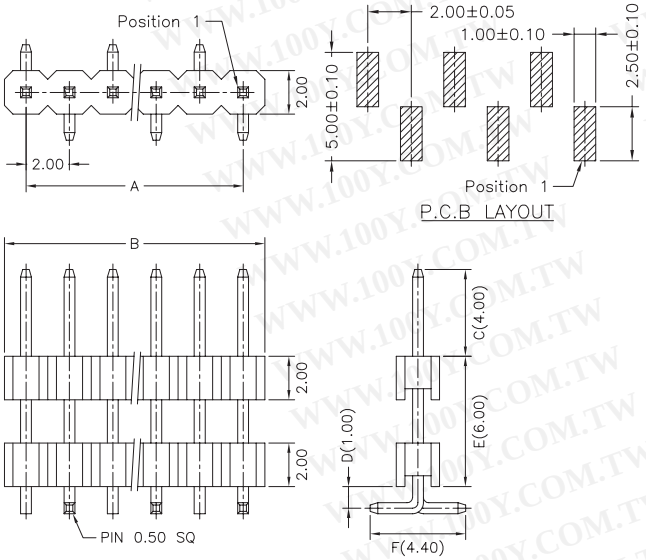
A2015WVA-S

2.00mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2015WVA-S-02P	2.00	4.00
A2015WVA-S-03P	4.00	6.00
A2015WVA-S-04P	6.00	8.00
A2015WVA-S-05P	8.00	10.00
A2015WVA-S-06P	10.00	12.00
A2015WVA-S-07P	12.00	14.00
A2015WVA-S-08P	14.00	16.00
A2015WVA-S-09P	16.00	18.00
A2015WVA-S-10P	18.00	20.00
A2015WVA-S-11P	20.00	22.00
A2015WVA-S-12P	22.00	24.00
A2015WVA-S-13P	24.00	26.00
A2015WVA-S-14P	26.00	28.00
A2015WVA-S-15P	28.00	30.00
A2015WVA-S-16P	30.00	32.00
A2015WVA-S-17P	32.00	34.00
A2015WVA-S-18P	34.00	36.00
A2015WVA-S-19P	36.00	38.00
A2015WVA-S-20P	38.00	40.00
A2015WVA-S-21P	40.00	42.00

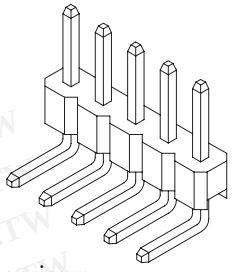
PART NO.	Dimensions	
	A	B
A2015WVA-S-22P	42.00	44.00
A2015WVA-S-23P	44.00	46.00
A2015WVA-S-24P	46.00	48.00
A2015WVA-S-25P	48.00	50.00
A2015WVA-S-26P	50.00	52.00
A2015WVA-S-27P	52.00	54.00
A2015WVA-S-28P	54.00	56.00
A2015WVA-S-29P	56.00	58.00
A2015WVA-S-30P	58.00	60.00
A2015WVA-S-31P	60.00	62.00
A2015WVA-S-32P	62.00	64.00
A2015WVA-S-33P	64.00	66.00
A2015WVA-S-34P	66.00	68.00
A2015WVA-S-35P	68.00	70.00
A2015WVA-S-36P	70.00	72.00
A2015WVA-S-37P	72.00	74.00
A2015WVA-S-38P	74.00	76.00
A2015WVA-S-39P	76.00	78.00
A2015WVA-S-40P	78.00	80.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

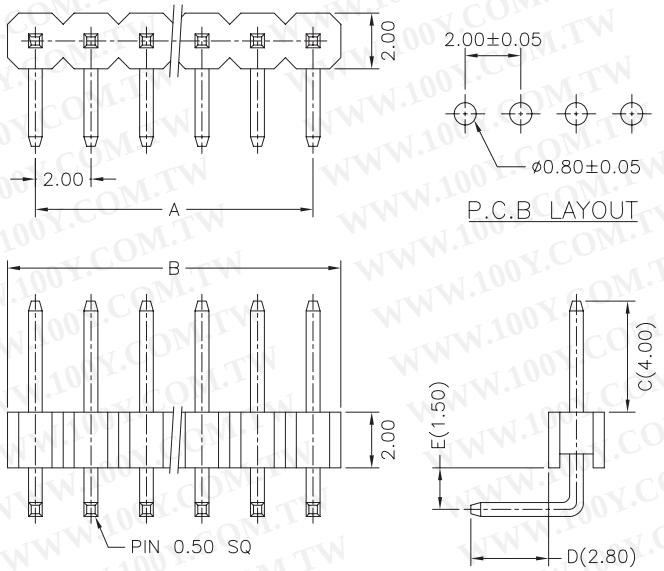
A2015WR

2.00mm pitch 90° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2015 series single row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T is available



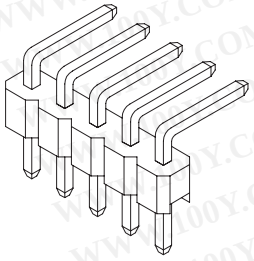
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2015WR-02P	2.00	4.00	A2015WR-22P	42.00	44.00
A2015WR-03P	4.00	6.00	A2015WR-23P	44.00	46.00
A2015WR-04P	6.00	8.00	A2015WR-24P	46.00	48.00
A2015WR-05P	8.00	10.00	A2015WR-25P	48.00	50.00
A2015WR-06P	10.00	12.00	A2015WR-26P	50.00	52.00
A2015WR-07P	12.00	14.00	A2015WR-27P	52.00	54.00
A2015WR-08P	14.00	16.00	A2015WR-28P	54.00	56.00
A2015WR-09P	16.00	18.00	A2015WR-29P	56.00	58.00
A2015WR-10P	18.00	20.00	A2015WR-30P	58.00	60.00
A2015WR-11P	20.00	22.00	A2015WR-31P	60.00	62.00
A2015WR-12P	22.00	24.00	A2015WR-32P	62.00	64.00
A2015WR-13P	24.00	26.00	A2015WR-33P	64.00	66.00
A2015WR-14P	26.00	28.00	A2015WR-34P	66.00	68.00
A2015WR-15P	28.00	30.00	A2015WR-35P	68.00	70.00
A2015WR-16P	30.00	32.00	A2015WR-36P	70.00	72.00
A2015WR-17P	32.00	34.00	A2015WR-37P	72.00	74.00
A2015WR-18P	34.00	36.00	A2015WR-38P	74.00	76.00
A2015WR-19P	36.00	38.00	A2015WR-39P	76.00	78.00
A2015WR-20P	38.00	40.00	A2015WR-40P	78.00	80.00
A2015WR-21P	40.00	42.00			

Unit:mm

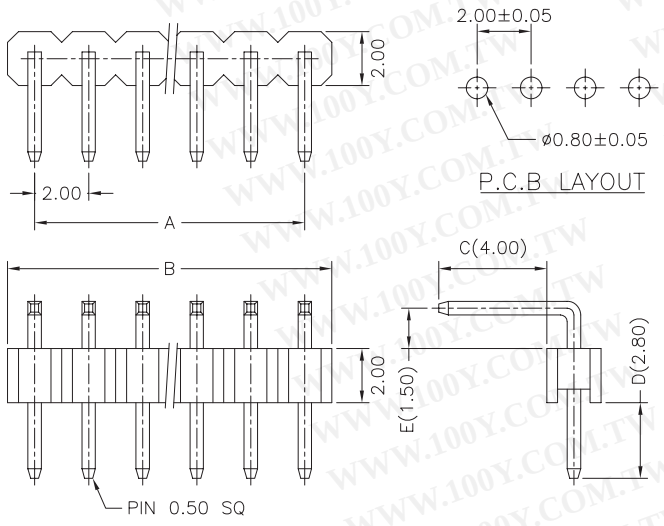
A2015WRA

2.00mm pitch 90° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2015 series single row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T is available

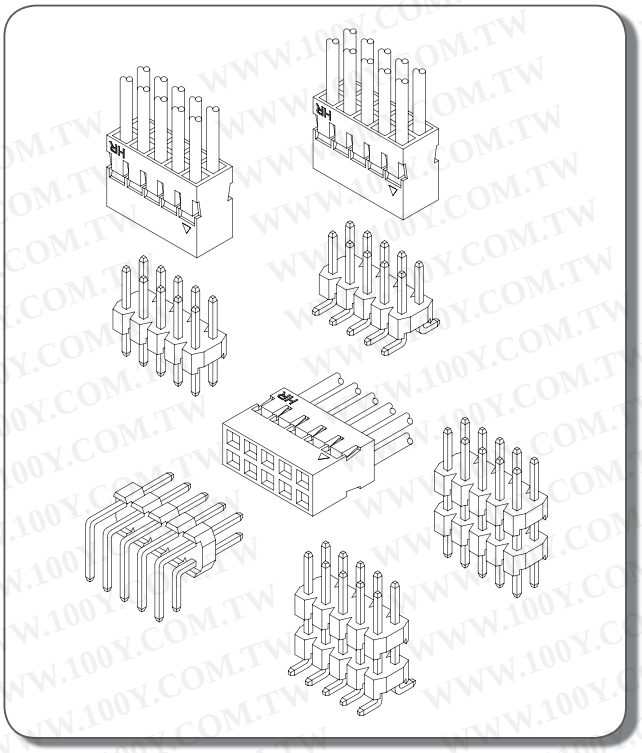


Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2015WRA-02P	2.00	4.00	A2015WRA-22P	42.00	44.00
A2015WRA-03P	4.00	6.00	A2015WRA-23P	44.00	46.00
A2015WRA-04P	6.00	8.00	A2015WRA-24P	46.00	48.00
A2015WRA-05P	8.00	10.00	A2015WRA-25P	48.00	50.00
A2015WRA-06P	10.00	12.00	A2015WRA-26P	50.00	52.00
A2015WRA-07P	12.00	14.00	A2015WRA-27P	52.00	54.00
A2015WRA-08P	14.00	16.00	A2015WRA-28P	54.00	56.00
A2015WRA-09P	16.00	18.00	A2015WRA-29P	56.00	58.00
A2015WRA-10P	18.00	20.00	A2015WRA-30P	58.00	60.00
A2015WRA-11P	20.00	22.00	A2015WRA-31P	60.00	62.00
A2015WRA-12P	22.00	24.00	A2015WRA-32P	62.00	64.00
A2015WRA-13P	24.00	26.00	A2015WRA-33P	64.00	66.00
A2015WRA-14P	26.00	28.00	A2015WRA-34P	66.00	68.00
A2015WRA-15P	28.00	30.00	A2015WRA-35P	68.00	70.00
A2015WRA-16P	30.00	32.00	A2015WRA-36P	70.00	72.00
A2015WRA-17P	32.00	34.00	A2015WRA-37P	72.00	74.00
A2015WRA-18P	34.00	36.00	A2015WRA-38P	74.00	76.00
A2015WRA-19P	36.00	38.00	A2015WRA-39P	76.00	78.00
A2015WRA-20P	38.00	40.00	A2015WRA-40P	78.00	80.00
A2015WRA-21P	40.00	42.00			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



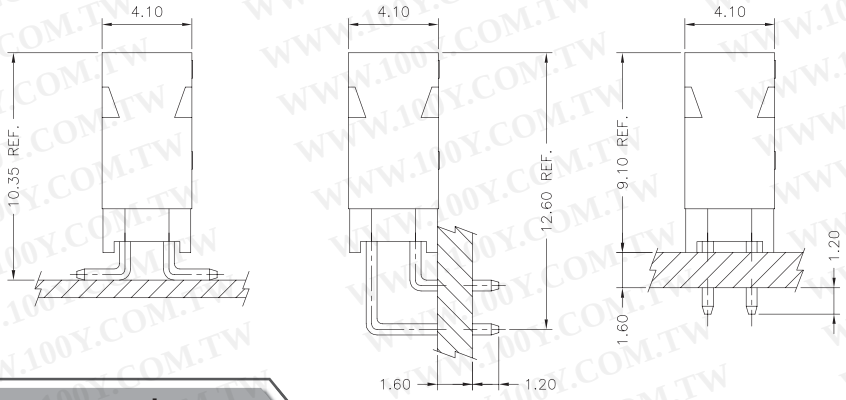
Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺ ❻
A2016 H -N- 2X 05P -A

❶ Series No.
❷ H=Housing
❸ Blank=Normal type, -N=With nose
❹ 2X=Dual row
❺ No. of circuits
❻ Option code:
-A=A Type
-B=B Type
-C=C Type
-D=D Type

❶ ❷ ❸ ❹ ❺ ❻ ❼
A2016 WV A -S- 2X 05P 6T

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ 2X=Dual row
❻ No. of circuits
❼ Option code:
6T=Nylon 6T, Black(Through hole type only)

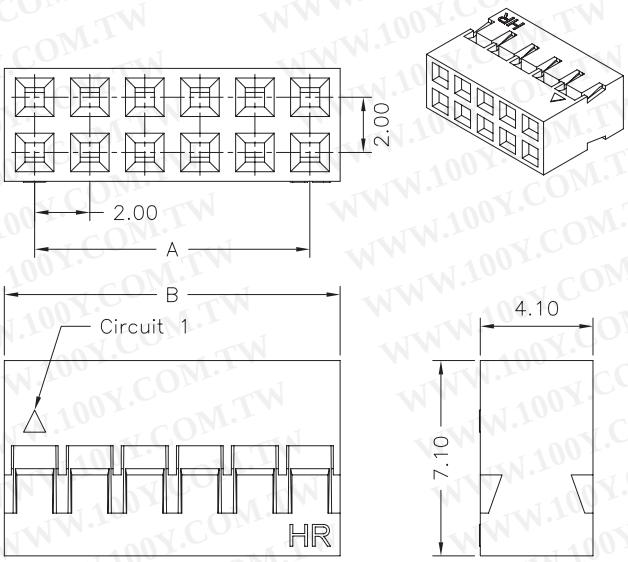
A2016H-2

2.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2016 series dual row Pin Header or A2017 series dual row Box Header

A2016H-2X05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2016H-2X02P	2.00	4.20
A2016H-2X03P	4.00	6.20
A2016H-2X04P	6.00	8.20
A2016H-2X05P	8.00	10.20
A2016H-2X06P	10.00	12.20
A2016H-2X07P	12.00	14.20
A2016H-2X08P	14.00	16.20
A2016H-2X09P	16.00	18.20
A2016H-2X10P	18.00	20.20
A2016H-2X11P	20.00	22.20
A2016H-2X12P	22.00	24.20
A2016H-2X13P	24.00	26.20
A2016H-2X14P	26.00	28.20
A2016H-2X15P	28.00	30.20
A2016H-2X16P	30.00	32.20
A2016H-2X17P	32.00	34.20
A2016H-2X18P	34.00	36.20
A2016H-2X19P	36.00	38.20
A2016H-2X20P	38.00	40.20
A2016H-2X21P	40.00	42.20

PART NO.	Dimensions	
	A	B
A2016H-2X22P	42.00	44.20
A2016H-2X23P	44.00	46.20
A2016H-2X24P	46.00	48.20
A2016H-2X25P	48.00	50.20
A2016H-2X26P	50.00	52.20
A2016H-2X27P	52.00	54.20
A2016H-2X28P	54.00	56.20
A2016H-2X29P	56.00	58.20
A2016H-2X30P	58.00	60.20
A2016H-2X31P	60.00	62.20
A2016H-2X32P	62.00	64.20
A2016H-2X33P	64.00	66.20
A2016H-2X34P	66.00	68.20
A2016H-2X35P	68.00	70.20
A2016H-2X36P	70.00	72.20
A2016H-2X37P	72.00	74.20
A2016H-2X38P	74.00	76.20
A2016H-2X39P	76.00	78.20
A2016H-2X40P	78.00	80.20

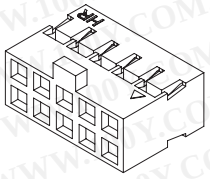
Unit:mm

A2016H-N-2

2.00mm pitch Dual Row Housing - A TYPE

Reference Informations:

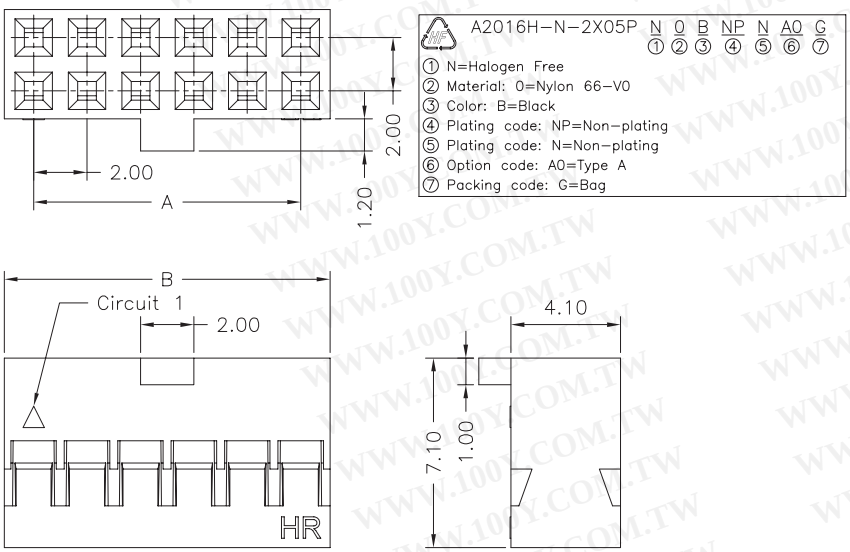
*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2016 series dual row Pin Header or A2017 series dual row Box Header



Ordering Information & Dimensions:

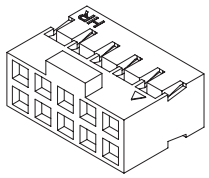
PART NO.	Dimensions	
	A	B
A2016H-N-2X02P-A	2.00	4.20
A2016H-N-2X03P-A	4.00	6.20
A2016H-N-2X04P-A	6.00	8.20
A2016H-N-2X05P-A	8.00	10.20
A2016H-N-2X06P-A	10.00	12.20
A2016H-N-2X07P-A	12.00	14.20
A2016H-N-2X08P-A	14.00	16.20
A2016H-N-2X09P-A	16.00	18.20
A2016H-N-2X10P-A	18.00	20.20
A2016H-N-2X11P-A	20.00	22.20
A2016H-N-2X12P-A	22.00	24.20
A2016H-N-2X13P-A	24.00	26.20
A2016H-N-2X14P-A	26.00	28.20
A2016H-N-2X15P-A	28.00	30.20
A2016H-N-2X16P-A	30.00	32.20
A2016H-N-2X17P-A	32.00	34.20
A2016H-N-2X18P-A	34.00	36.20
A2016H-N-2X19P-A	36.00	38.20
A2016H-N-2X20P-A	38.00	40.20
A2016H-N-2X21P-A	40.00	42.20
A2016H-N-2X22P-A	42.00	44.20
A2016H-N-2X23P-A	44.00	46.20
A2016H-N-2X24P-A	46.00	48.20
A2016H-N-2X25P-A	48.00	50.20

Unit:mm



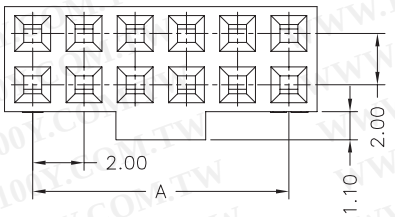
A2016H-N-2

2.00mm pitch Dual Row Housing - B TYPE



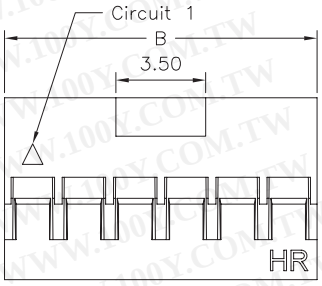
Reference Informations:

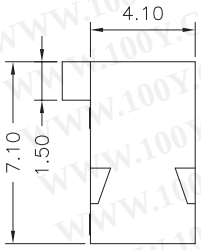
*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2016 series dual row Pin Header or A2017 series dual row Box Header



A2016H-N-2X05P N(①) 0(②) B(③) NP(④) N(⑤) B0(⑥) G(⑦)

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: B0=Type B
⑦ Packing code: G=Bag





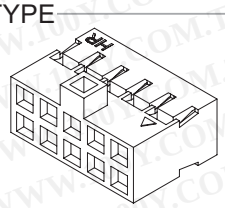
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2016H-N-2X02P-B	2.00	4.20
A2016H-N-2X03P-B	4.00	6.20
A2016H-N-2X04P-B	6.00	8.20
A2016H-N-2X05P-B	8.00	10.20
A2016H-N-2X06P-B	10.00	12.20
A2016H-N-2X07P-B	12.00	14.20
A2016H-N-2X08P-B	14.00	16.20
A2016H-N-2X09P-B	16.00	18.20
A2016H-N-2X10P-B	18.00	20.20
A2016H-N-2X11P-B	20.00	22.20
A2016H-N-2X12P-B	22.00	24.20
A2016H-N-2X13P-B	24.00	26.20
A2016H-N-2X14P-B	26.00	28.20
A2016H-N-2X15P-B	28.00	30.20
A2016H-N-2X16P-B	30.00	32.20
A2016H-N-2X17P-B	32.00	34.20
A2016H-N-2X18P-B	34.00	36.20
A2016H-N-2X19P-B	36.00	38.20
A2016H-N-2X20P-B	38.00	40.20
A2016H-N-2X21P-B	40.00	42.20
A2016H-N-2X22P-B	42.00	44.20
A2016H-N-2X23P-B	44.00	46.20
A2016H-N-2X24P-B	46.00	48.20
A2016H-N-2X25P-B	48.00	50.20

Unit:mm

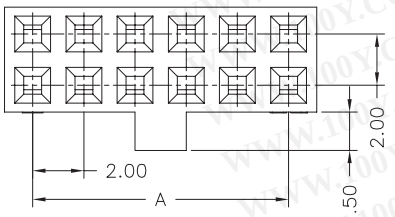
A2016H-N-2

2.00mm pitch Dual Row Housing - C TYPE



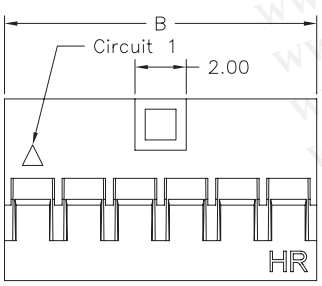
Reference Informations:

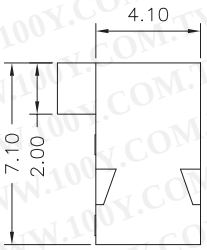
*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2016 series dual row Pin Header or A2017 series dual row Box Header



A2016H-N-2X05P N(①) 0(②) B(③) NP(④) N(⑤) C0(⑥) G(⑦)

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: C0=Type C
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

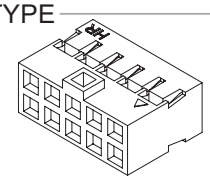
PART NO.	Dimensions	
	A	B
A2016H-N-2X02P-C	2.00	4.20
A2016H-N-2X03P-C	4.00	6.20
A2016H-N-2X04P-C	6.00	8.20
A2016H-N-2X05P-C	8.00	10.20
A2016H-N-2X06P-C	10.00	12.20
A2016H-N-2X07P-C	12.00	14.20
A2016H-N-2X08P-C	14.00	16.20
A2016H-N-2X09P-C	16.00	18.20
A2016H-N-2X10P-C	18.00	20.20
A2016H-N-2X11P-C	20.00	22.20
A2016H-N-2X12P-C	22.00	24.20
A2016H-N-2X13P-C	24.00	26.20
A2016H-N-2X14P-C	26.00	28.20
A2016H-N-2X15P-C	28.00	30.20
A2016H-N-2X16P-C	30.00	32.20
A2016H-N-2X17P-C	32.00	34.20
A2016H-N-2X18P-C	34.00	36.20
A2016H-N-2X19P-C	36.00	38.20
A2016H-N-2X20P-C	38.00	40.20
A2016H-N-2X21P-C	40.00	42.20
A2016H-N-2X22P-C	42.00	44.20
A2016H-N-2X23P-C	44.00	46.20
A2016H-N-2X24P-C	46.00	48.20
A2016H-N-2X25P-C	48.00	50.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

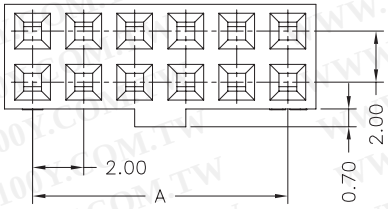
A2016H-N-2

2.00mm pitch Dual Row Housing - D TYPE



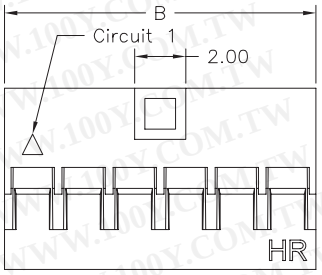
Reference Informations:

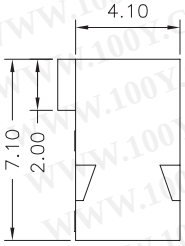
*Material: Nylon 66,UL94V-0
*Suitable H.R A2015 series Terminal
*Mates with H.R A2016 series dual row Pin Header or A2017 series dual row Box Header



A2016H-N-2X05P N ① 0 ② B ③ NP ④ N ⑤ D0 ⑥ G ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: D0=Type D
⑦ Packing code: G=Bag





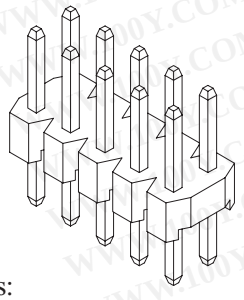
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2016H-N-2X02P-D	2.00	4.20
A2016H-N-2X03P-D	4.00	6.20
A2016H-N-2X04P-D	6.00	8.20
A2016H-N-2X05P-D	8.00	10.20
A2016H-N-2X06P-D	10.00	12.20
A2016H-N-2X07P-D	12.00	14.20
A2016H-N-2X08P-D	14.00	16.20
A2016H-N-2X09P-D	16.00	18.20
A2016H-N-2X10P-D	18.00	20.20
A2016H-N-2X11P-D	20.00	22.20
A2016H-N-2X12P-D	22.00	24.20
A2016H-N-2X13P-D	24.00	26.20
A2016H-N-2X14P-D	26.00	28.20
A2016H-N-2X15P-D	28.00	30.20
A2016H-N-2X16P-D	30.00	32.20
A2016H-N-2X17P-D	32.00	34.20
A2016H-N-2X18P-D	34.00	36.20
A2016H-N-2X19P-D	36.00	38.20
A2016H-N-2X20P-D	38.00	40.20
A2016H-N-2X21P-D	40.00	42.20
A2016H-N-2X22P-D	42.00	44.20
A2016H-N-2X23P-D	44.00	46.20
A2016H-N-2X24P-D	46.00	48.20
A2016H-N-2X25P-D	48.00	50.20

Unit:mm

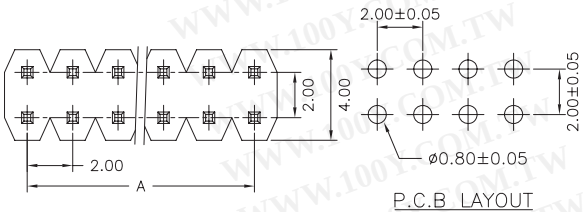
A2016WV-2

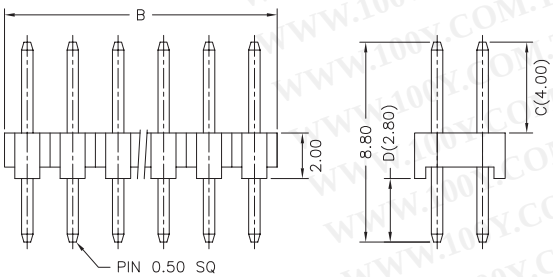
2.00mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2016 series dual row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T is available





Ordering Information & Dimensions:

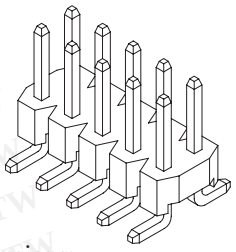
PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2016WV-2X02P	2.00	4.00	A2016WV-2X22P	42.00	44.00
A2016WV-2X03P	4.00	6.00	A2016WV-2X23P	44.00	46.00
A2016WV-2X04P	6.00	8.00	A2016WV-2X24P	46.00	48.00
A2016WV-2X05P	8.00	10.00	A2016WV-2X25P	48.00	50.00
A2016WV-2X06P	10.00	12.00	A2016WV-2X26P	50.00	52.00
A2016WV-2X07P	12.00	14.00	A2016WV-2X27P	52.00	54.00
A2016WV-2X08P	14.00	16.00	A2016WV-2X28P	54.00	56.00
A2016WV-2X09P	16.00	18.00	A2016WV-2X29P	56.00	58.00
A2016WV-2X10P	18.00	20.00	A2016WV-2X30P	58.00	60.00
A2016WV-2X11P	20.00	22.00	A2016WV-2X31P	60.00	62.00
A2016WV-2X12P	22.00	24.00	A2016WV-2X32P	62.00	64.00
A2016WV-2X13P	24.00	26.00	A2016WV-2X33P	64.00	66.00
A2016WV-2X14P	26.00	28.00	A2016WV-2X34P	66.00	68.00
A2016WV-2X15P	28.00	30.00	A2016WV-2X35P	68.00	70.00
A2016WV-2X16P	30.00	32.00	A2016WV-2X36P	70.00	72.00
A2016WV-2X17P	32.00	34.00	A2016WV-2X37P	72.00	74.00
A2016WV-2X18P	34.00	36.00	A2016WV-2X38P	74.00	76.00
A2016WV-2X19P	36.00	38.00	A2016WV-2X39P	76.00	78.00
A2016WV-2X20P	38.00	40.00	A2016WV-2X40P	78.00	80.00
A2016WV-2X21P	40.00	42.00			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

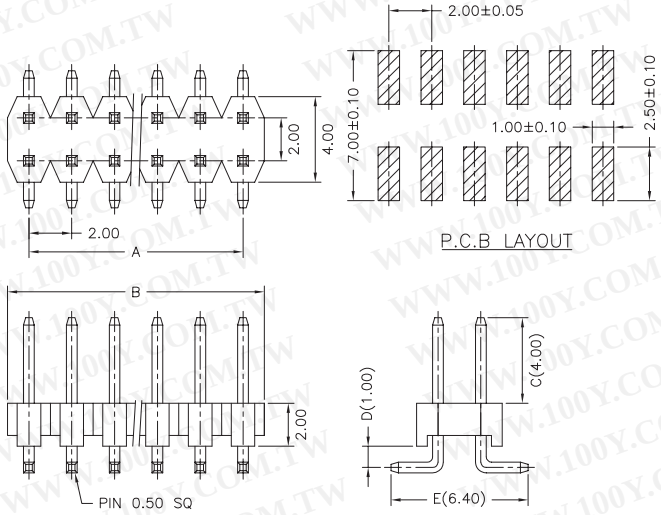
A2016WV-S-2

2.00mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2016 series dual row Housing
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

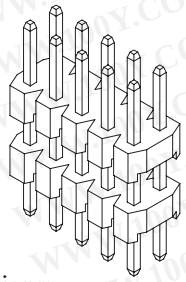
PART NO.	Dimensions	
	A	B
A2016WV-S-2X02P	2.00	4.00
A2016WV-S-2X03P	4.00	6.00
A2016WV-S-2X04P	6.00	8.00
A2016WV-S-2X05P	8.00	10.00
A2016WV-S-2X06P	10.00	12.00
A2016WV-S-2X07P	12.00	14.00
A2016WV-S-2X08P	14.00	16.00
A2016WV-S-2X09P	16.00	18.00
A2016WV-S-2X10P	18.00	20.00
A2016WV-S-2X11P	20.00	22.00
A2016WV-S-2X12P	22.00	24.00
A2016WV-S-2X13P	24.00	26.00
A2016WV-S-2X14P	26.00	28.00
A2016WV-S-2X15P	28.00	30.00
A2016WV-S-2X16P	30.00	32.00
A2016WV-S-2X17P	32.00	34.00
A2016WV-S-2X18P	34.00	36.00
A2016WV-S-2X19P	36.00	38.00
A2016WV-S-2X20P	38.00	40.00
A2016WV-S-2X21P	40.00	42.00

PART NO.	Dimensions	
	A	B
A2016WV-S-2X22P	42.00	44.00
A2016WV-S-2X23P	44.00	46.00
A2016WV-S-2X24P	46.00	48.00
A2016WV-S-2X25P	48.00	50.00
A2016WV-S-2X26P	50.00	52.00
A2016WV-S-2X27P	52.00	54.00
A2016WV-S-2X28P	54.00	56.00
A2016WV-S-2X29P	56.00	58.00
A2016WV-S-2X30P	58.00	60.00
A2016WV-S-2X31P	60.00	62.00
A2016WV-S-2X32P	62.00	64.00
A2016WV-S-2X33P	64.00	66.00
A2016WV-S-2X34P	66.00	68.00
A2016WV-S-2X35P	68.00	70.00
A2016WV-S-2X36P	70.00	72.00
A2016WV-S-2X37P	72.00	74.00
A2016WV-S-2X38P	74.00	76.00
A2016WV-S-2X39P	76.00	78.00
A2016WV-S-2X40P	78.00	80.00

Unit:mm

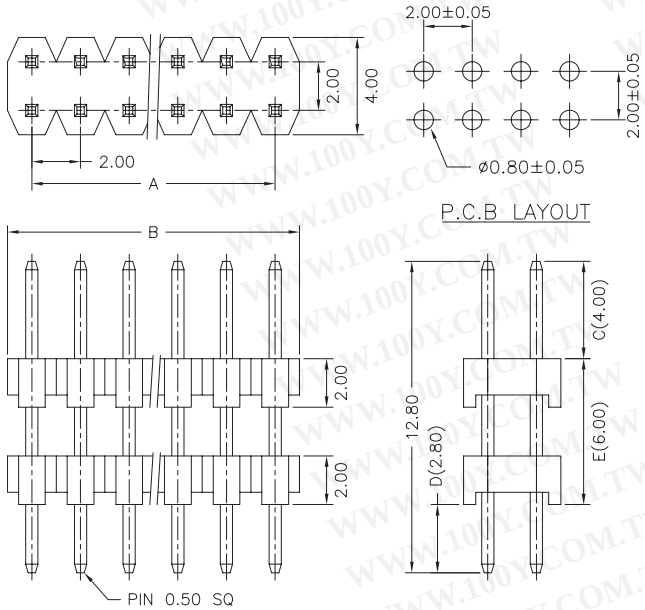
A2016WVA-2

2.00mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Optional Dim. available but MOQ requested
*Nylon 6T is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2016WVA-2X02P	2.00	4.00
A2016WVA-2X03P	4.00	6.00
A2016WVA-2X04P	6.00	8.00
A2016WVA-2X05P	8.00	10.00
A2016WVA-2X06P	10.00	12.00
A2016WVA-2X07P	12.00	14.00
A2016WVA-2X08P	14.00	16.00
A2016WVA-2X09P	16.00	18.00
A2016WVA-2X10P	18.00	20.00
A2016WVA-2X11P	20.00	22.00
A2016WVA-2X12P	22.00	24.00
A2016WVA-2X13P	24.00	26.00
A2016WVA-2X14P	26.00	28.00
A2016WVA-2X15P	28.00	30.00
A2016WVA-2X16P	30.00	32.00
A2016WVA-2X17P	32.00	34.00
A2016WVA-2X18P	34.00	36.00
A2016WVA-2X19P	36.00	38.00
A2016WVA-2X20P	38.00	40.00
A2016WVA-2X21P	40.00	42.00

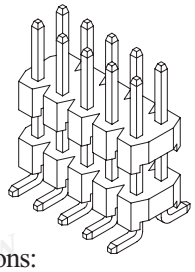
PART NO.	Dimensions	
	A	B
A2016WVA-2X22P	42.00	44.00
A2016WVA-2X23P	44.00	46.00
A2016WVA-2X24P	46.00	48.00
A2016WVA-2X25P	48.00	50.00
A2016WVA-2X26P	50.00	52.00
A2016WVA-2X27P	52.00	54.00
A2016WVA-2X28P	54.00	56.00
A2016WVA-2X29P	56.00	58.00
A2016WVA-2X30P	58.00	60.00
A2016WVA-2X31P	60.00	62.00
A2016WVA-2X32P	62.00	64.00
A2016WVA-2X33P	64.00	66.00
A2016WVA-2X34P	66.00	68.00
A2016WVA-2X35P	68.00	70.00
A2016WVA-2X36P	70.00	72.00
A2016WVA-2X37P	72.00	74.00
A2016WVA-2X38P	74.00	76.00
A2016WVA-2X39P	76.00	78.00
A2016WVA-2X40P	78.00	80.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

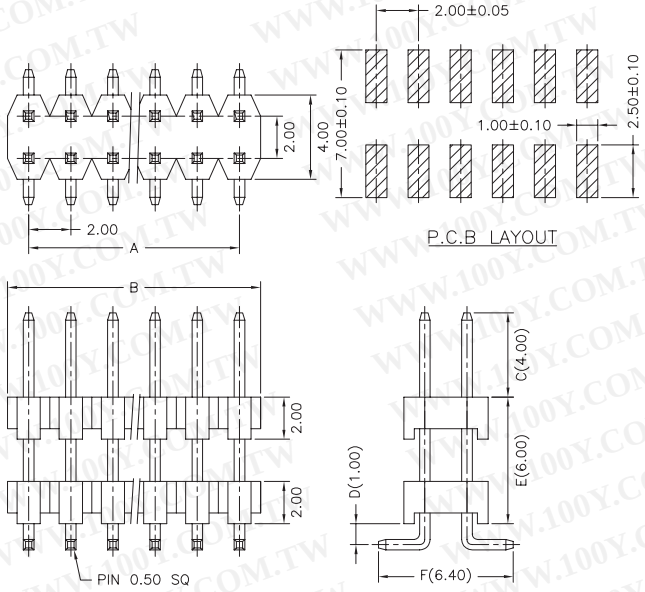
A2016WVA-S-2

2.00mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

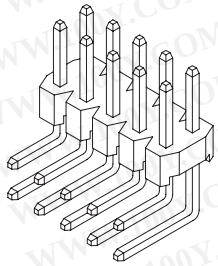
PART NO.	Dimensions	
	A	B
A2016WVA-S-2X02P	2.00	4.00
A2016WVA-S-2X03P	4.00	6.00
A2016WVA-S-2X04P	6.00	8.00
A2016WVA-S-2X05P	8.00	10.00
A2016WVA-S-2X06P	10.00	12.00
A2016WVA-S-2X07P	12.00	14.00
A2016WVA-S-2X08P	14.00	16.00
A2016WVA-S-2X09P	16.00	18.00
A2016WVA-S-2X10P	18.00	20.00
A2016WVA-S-2X11P	20.00	22.00
A2016WVA-S-2X12P	22.00	24.00
A2016WVA-S-2X13P	24.00	26.00
A2016WVA-S-2X14P	26.00	28.00
A2016WVA-S-2X15P	28.00	30.00
A2016WVA-S-2X16P	30.00	32.00
A2016WVA-S-2X17P	32.00	34.00
A2016WVA-S-2X18P	34.00	36.00
A2016WVA-S-2X19P	36.00	38.00
A2016WVA-S-2X20P	38.00	40.00
A2016WVA-S-2X21P	40.00	42.00

PART NO.	Dimensions	
	A	B
A2016WVA-S-2X22P	42.00	44.00
A2016WVA-S-2X23P	44.00	46.00
A2016WVA-S-2X24P	46.00	48.00
A2016WVA-S-2X25P	48.00	50.00
A2016WVA-S-2X26P	50.00	52.00
A2016WVA-S-2X27P	52.00	54.00
A2016WVA-S-2X28P	54.00	56.00
A2016WVA-S-2X29P	56.00	58.00
A2016WVA-S-2X30P	58.00	60.00
A2016WVA-S-2X31P	60.00	62.00
A2016WVA-S-2X32P	62.00	64.00
A2016WVA-S-2X33P	64.00	66.00
A2016WVA-S-2X34P	66.00	68.00
A2016WVA-S-2X35P	68.00	70.00
A2016WVA-S-2X36P	70.00	72.00
A2016WVA-S-2X37P	72.00	74.00
A2016WVA-S-2X38P	74.00	76.00
A2016WVA-S-2X39P	76.00	78.00
A2016WVA-S-2X40P	78.00	80.00

Unit:mm

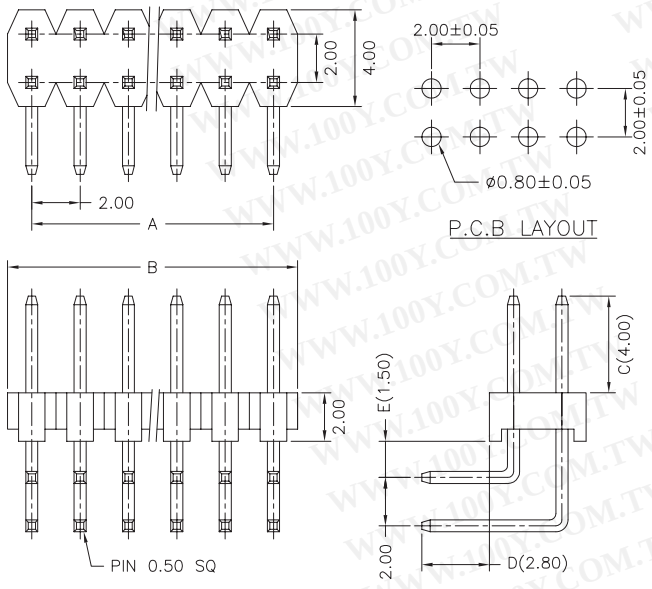
A2016WR-2

2.00mm pitch 90° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2016 series dual row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T is available



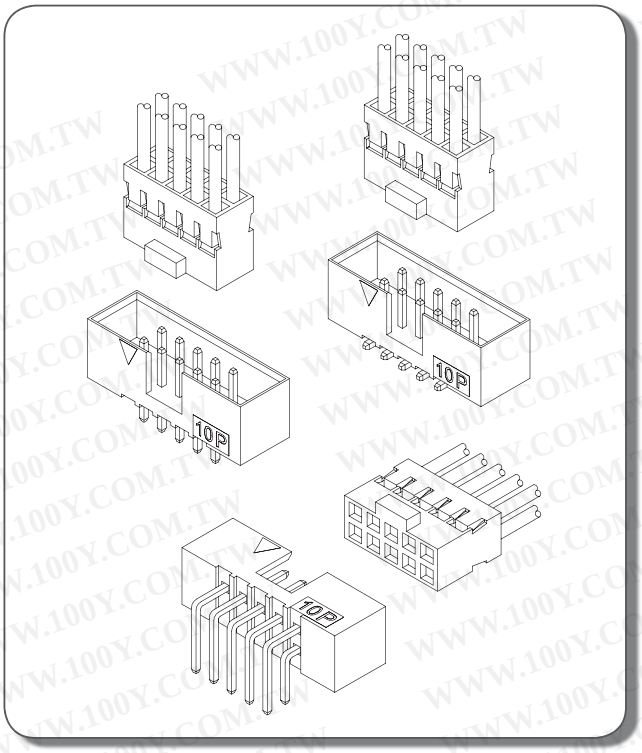
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2016WR-2X02P	2.00	4.00
A2016WR-2X03P	4.00	6.00
A2016WR-2X04P	6.00	8.00
A2016WR-2X05P	8.00	10.00
A2016WR-2X06P	10.00	12.00
A2016WR-2X07P	12.00	14.00
A2016WR-2X08P	14.00	16.00
A2016WR-2X09P	16.00	18.00
A2016WR-2X10P	18.00	20.00
A2016WR-2X11P	20.00	22.00
A2016WR-2X12P	22.00	24.00
A2016WR-2X13P	24.00	26.00
A2016WR-2X14P	26.00	28.00
A2016WR-2X15P	28.00	30.00
A2016WR-2X16P	30.00	32.00
A2016WR-2X17P	32.00	34.00
A2016WR-2X18P	34.00	36.00
A2016WR-2X19P	36.00	38.00
A2016WR-2X20P	38.00	40.00
A2016WR-2X21P	40.00	42.00

PART NO.	Dimensions	
	A	B
A2016WR-2X22P	42.00	44.00
A2016WR-2X23P	44.00	46.00
A2016WR-2X24P	46.00	48.00
A2016WR-2X25P	48.00	50.00
A2016WR-2X26P	50.00	52.00
A2016WR-2X27P	52.00	54.00
A2016WR-2X28P	54.00	56.00
A2016WR-2X29P	56.00	58.00
A2016WR-2X30P	58.00	60.00
A2016WR-2X31P	60.00	62.00
A2016WR-2X32P	62.00	64.00
A2016WR-2X33P	64.00	66.00
A2016WR-2X34P	66.00	68.00
A2016WR-2X35P	68.00	70.00
A2016WR-2X36P	70.00	72.00
A2016WR-2X37P	72.00	74.00
A2016WR-2X38P	74.00	76.00
A2016WR-2X39P	76.00	78.00
A2016WR-2X40P	78.00	80.00

Unit:mm

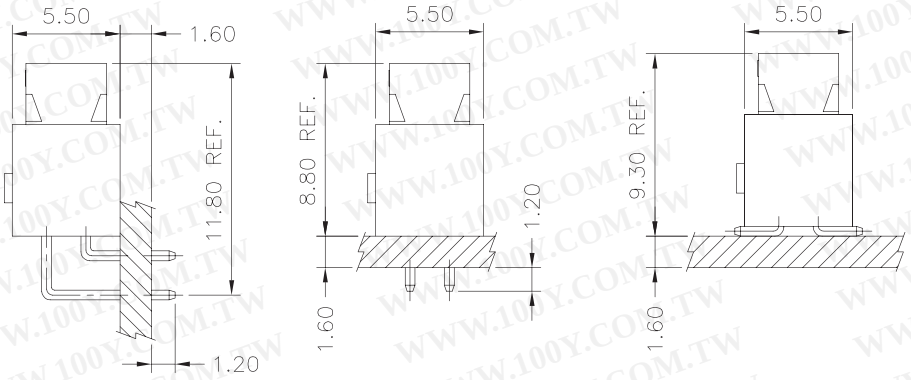
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Assembly layout



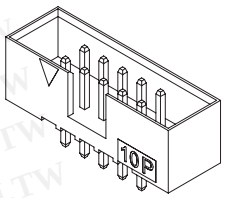
Ordering code

❶ A2017 ❷ WV ❸ -S ❹ -2X ❺ 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: Blank=Through hole
–S=SMT without boss
❹ 2X=Dual row
❺ No. of circuits

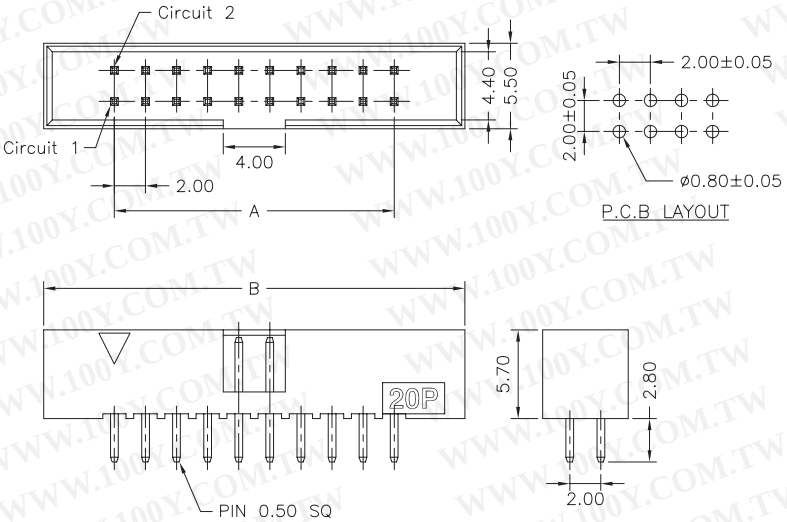
A2017WV-2

2.00mm pitch 180° Box Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2016 series dual row Housing



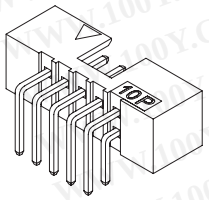
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2017WV-2X05P	8.00	17.10
A2017WV-2X06P	10.00	19.10
A2017WV-2X07P	12.00	21.10
A2017WV-2X08P	14.00	23.10
A2017WV-2X10P	18.00	27.10
A2017WV-2X11P	20.00	29.10
A2017WV-2X12P	22.00	31.10
A2017WV-2X13P	24.00	33.10
A2017WV-2X15P	28.00	37.10
A2017WV-2X17P	32.00	41.10
A2017WV-2X20P	38.00	47.10
A2017WV-2X22P	42.00	51.10
A2017WV-2X24P	46.00	55.10
A2017WV-2X25P	48.00	57.10
A2017WV-2X30P	58.00	67.10
A2017WV-2X32P	62.00	71.10

Unit:mm

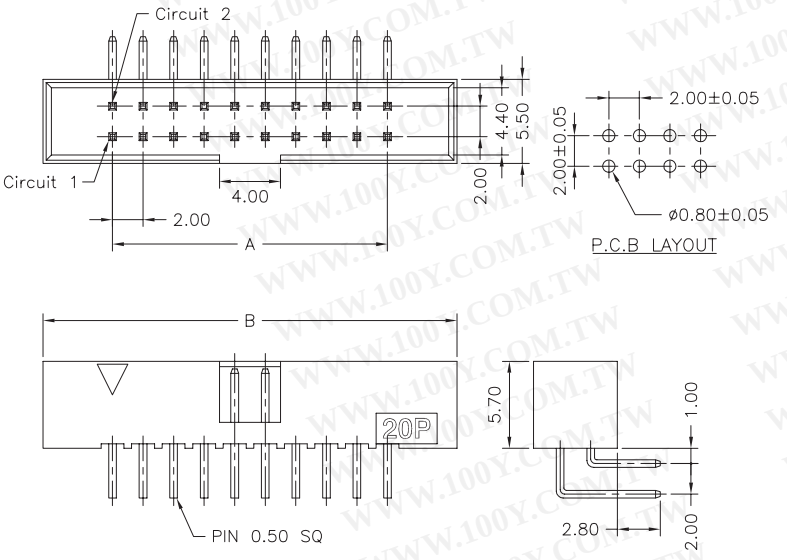
A2017WR-2

2.00mm pitch 90° Box Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2016 series dual row Housing



Ordering Information & Dimensions:

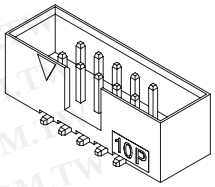
PART NO.	Dimensions	
	A	B
A2017WR-2X05P	8.00	17.10
A2017WR-2X06P	10.00	19.10
A2017WR-2X07P	12.00	21.10
A2017WR-2X08P	14.00	23.10
A2017WR-2X10P	18.00	27.10
A2017WR-2X11P	20.00	29.10
A2017WR-2X12P	22.00	31.10
A2017WR-2X13P	24.00	33.10
A2017WR-2X15P	28.00	37.10
A2017WR-2X17P	32.00	41.10
A2017WR-2X20P	38.00	47.10
A2017WR-2X22P	42.00	51.10
A2017WR-2X24P	46.00	55.10
A2017WR-2X25P	48.00	57.10
A2017WR-2X30P	58.00	67.10
A2017WR-2X32P	62.00	71.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

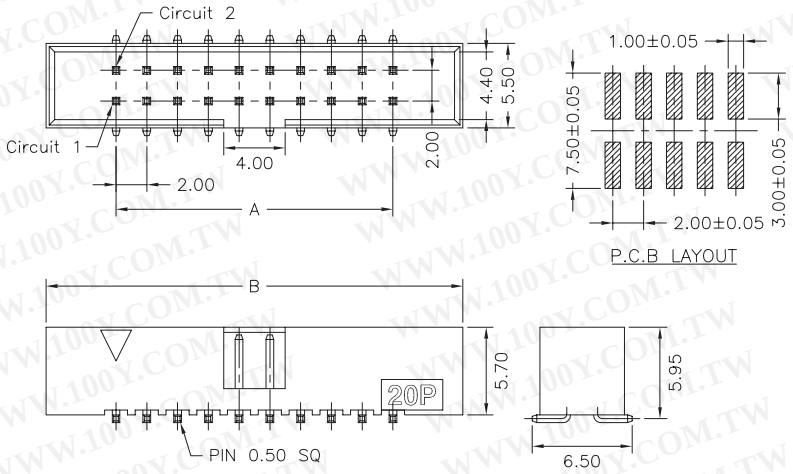
A2017WV-S-2

2.00mm pitch 180° Box Header - SMT TYPE



Reference Informations:

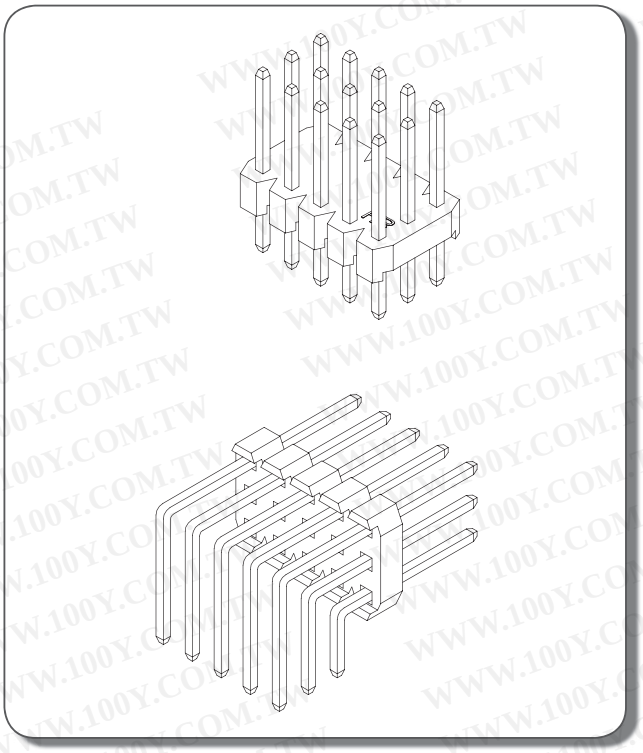
*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2016 series dual row Housing



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2017WV-S-2X05P	8.00	17.10
A2017WV-S-2X06P	10.00	19.10
A2017WV-S-2X07P	12.00	21.10
A2017WV-S-2X08P	14.00	23.10
A2017WV-S-2X10P	18.00	27.10
A2017WV-S-2X11P	20.00	29.10
A2017WV-S-2X12P	22.00	31.10
A2017WV-S-2X13P	24.00	33.10
A2017WV-S-2X15P	28.00	37.10
A2017WV-S-2X17P	32.00	41.10
A2017WV-S-2X20P	38.00	47.10
A2017WV-S-2X22P	42.00	51.10
A2017WV-S-2X24P	46.00	55.10
A2017WV-S-2X25P	48.00	57.10
A2017WV-S-2X30P	58.00	67.10
A2017WV-S-2X32P	62.00	71.10

Unit:mm



Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

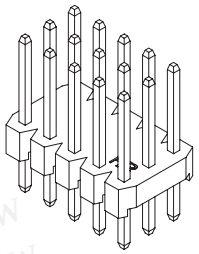
Ordering code

❶ ❷ ❸ ❹
A2018 WV – 3X 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ 3X=Triple row
❹ No. of circuits

A2018WV-3

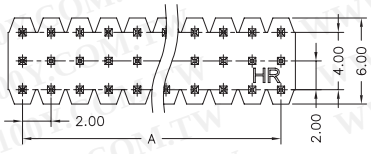
2.00mm pitch 180° Triple Row Pin Header

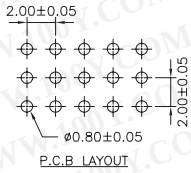


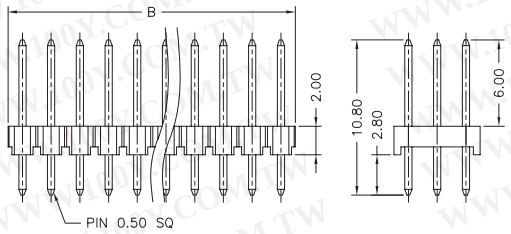
Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0









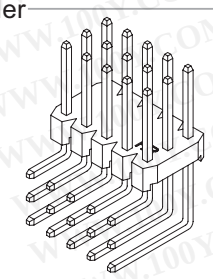
Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2018WV-3X04P	6.00	8.00	A2018WV-3X23P	44.00	46.00
A2018WV-3X05P	8.00	10.00	A2018WV-3X24P	46.00	48.00
A2018WV-3X06P	10.00	12.00	A2018WV-3X25P	48.00	50.00
A2018WV-3X07P	12.00	14.00	A2018WV-3X26P	50.00	52.00
A2018WV-3X08P	14.00	16.00	A2018WV-3X27P	52.00	54.00
A2018WV-3X09P	16.00	18.00	A2018WV-3X28P	54.00	56.00
A2018WV-3X10P	18.00	20.00	A2018WV-3X29P	56.00	58.00
A2018WV-3X11P	20.00	22.00	A2018WV-3X30P	58.00	60.00
A2018WV-3X12P	22.00	24.00	A2018WV-3X31P	60.00	62.00
A2018WV-3X13P	24.00	26.00	A2018WV-3X32P	62.00	64.00
A2018WV-3X14P	26.00	28.00	A2018WV-3X33P	64.00	66.00
A2018WV-3X15P	28.00	30.00	A2018WV-3X34P	66.00	68.00
A2018WV-3X16P	30.00	32.00	A2018WV-3X35P	68.00	70.00
A2018WV-3X17P	32.00	34.00	A2018WV-3X36P	70.00	72.00
A2018WV-3X18P	34.00	36.00	A2018WV-3X37P	72.00	74.00
A2018WV-3X19P	36.00	38.00	A2018WV-3X38P	74.00	76.00
A2018WV-3X20P	38.00	40.00	A2018WV-3X39P	76.00	78.00
A2018WV-3X21P	40.00	42.00	A2018WV-3X40P	78.00	80.00
A2018WV-3X22P	42.00	44.00			

Unit:mm

A2018WR-3

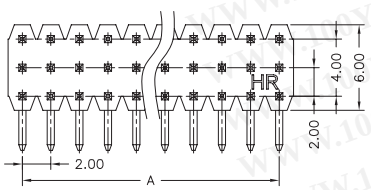
2.00mm pitch 90° Triple Row Pin Header

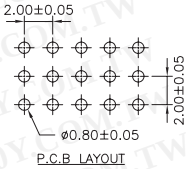


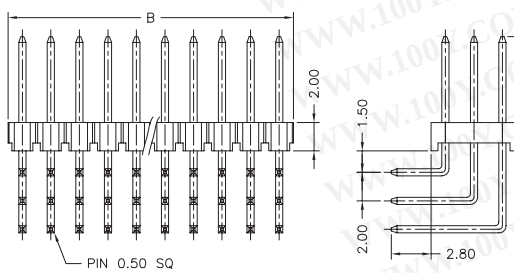
Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0







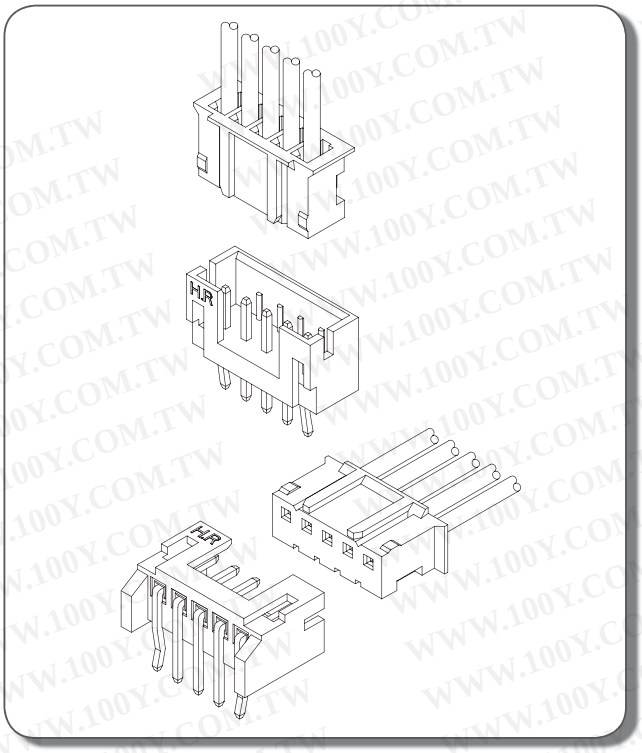


Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2018WR-3X04P	6.00	8.00	A2018WR-3X23P	44.00	46.00
A2018WR-3X05P	8.00	10.00	A2018WR-3X24P	46.00	48.00
A2018WR-3X06P	10.00	12.00	A2018WR-3X25P	48.00	50.00
A2018WR-3X07P	12.00	14.00	A2018WR-3X26P	50.00	52.00
A2018WR-3X08P	14.00	16.00	A2018WR-3X27P	52.00	54.00
A2018WR-3X09P	16.00	18.00	A2018WR-3X28P	54.00	56.00
A2018WR-3X10P	18.00	20.00	A2018WR-3X29P	56.00	58.00
A2018WR-3X11P	20.00	22.00	A2018WR-3X30P	58.00	60.00
A2018WR-3X12P	22.00	24.00	A2018WR-3X31P	60.00	62.00
A2018WR-3X13P	24.00	26.00	A2018WR-3X32P	62.00	64.00
A2018WR-3X14P	26.00	28.00	A2018WR-3X33P	64.00	66.00
A2018WR-3X15P	28.00	30.00	A2018WR-3X34P	66.00	68.00
A2018WR-3X16P	30.00	32.00	A2018WR-3X35P	68.00	70.00
A2018WR-3X17P	32.00	34.00	A2018WR-3X36P	70.00	72.00
A2018WR-3X18P	34.00	36.00	A2018WR-3X37P	72.00	74.00
A2018WR-3X19P	36.00	38.00	A2018WR-3X38P	74.00	76.00
A2018WR-3X20P	38.00	40.00	A2018WR-3X39P	76.00	78.00
A2018WR-3X21P	40.00	42.00	A2018WR-3X40P	78.00	80.00
A2018WR-3X22P	42.00	44.00			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



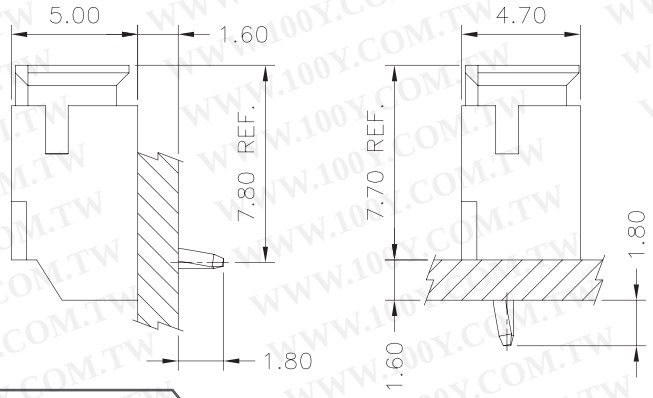
Specifications

Current rating: 3A AC,DC
Voltage rating: 300V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2100 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2100 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

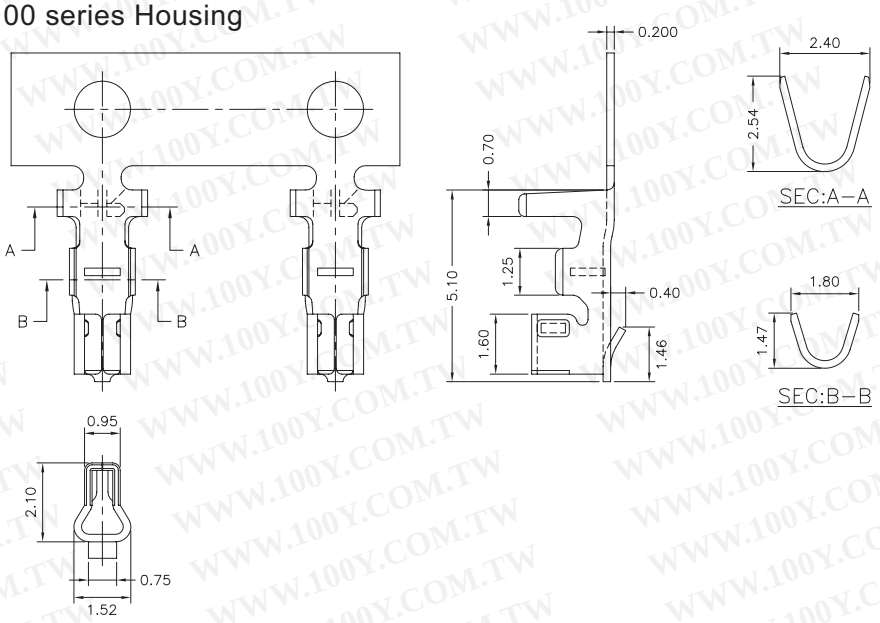
❶ ❷ ❸ ❹
A2100 WV – 05P 1

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code:
1=Type 1, 2=Type 2, 3=Type 3

A2100-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2100 series Housing



Ordering Information & Specifications: Unit:mm

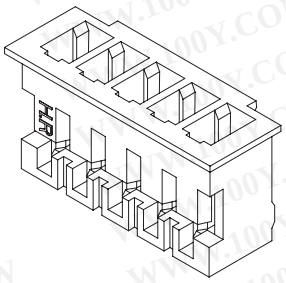
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2100-TPE	AWG#24-#28	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

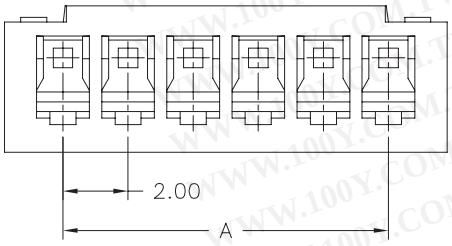
Note:E-Stamping before Tin-plated

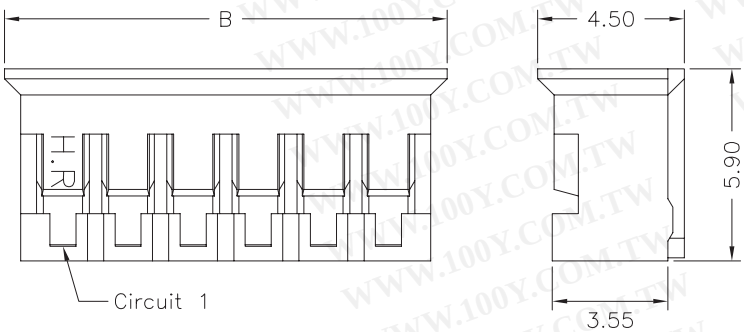
A2100H 2.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2100 series Terminal
*Mates with H.R A2100 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2100H-02P	2.00	5.60
A2100H-03P	4.00	7.60
A2100H-04P	6.00	9.60
A2100H-05P	8.00	11.60
A2100H-06P	10.00	13.60
A2100H-07P	12.00	15.60
A2100H-08P	14.00	17.60
A2100H-09P	16.00	19.60
A2100H-10P	18.00	21.60
A2100H-11P	20.00	23.60
A2100H-12P	22.00	25.60
A2100H-13P	24.00	27.60
A2100H-14P	26.00	29.60
A2100H-15P	28.00	31.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

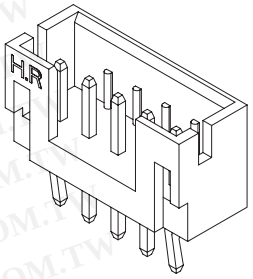
A2100WV

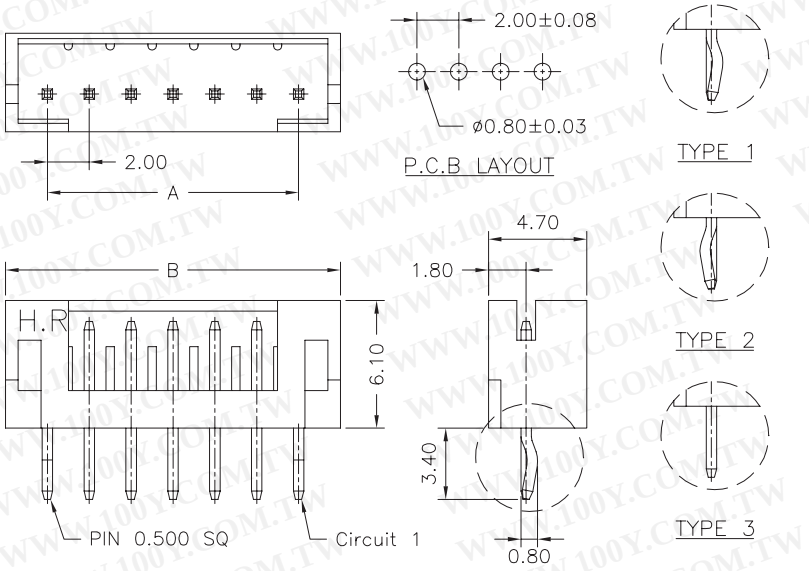
2.00mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2100 series Housing

Ordering Information:
A2100WV-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2
3-Type 3





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2100WV-02P	2.00	6.00
A2100WV-03P	4.00	8.00
A2100WV-04P	6.00	10.00
A2100WV-05P	8.00	12.00
A2100WV-06P	10.00	14.00
A2100WV-07P	12.00	16.00
A2100WV-08P	14.00	18.00
A2100WV-09P	16.00	20.00
A2100WV-10P	18.00	22.00
A2100WV-11P	20.00	24.00
A2100WV-12P	22.00	26.00
A2100WV-13P	24.00	28.00
A2100WV-14P	26.00	30.00
A2100WV-15P	28.00	32.00

Unit:mm

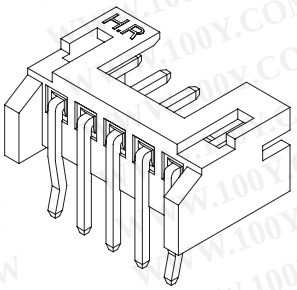
A2100WR

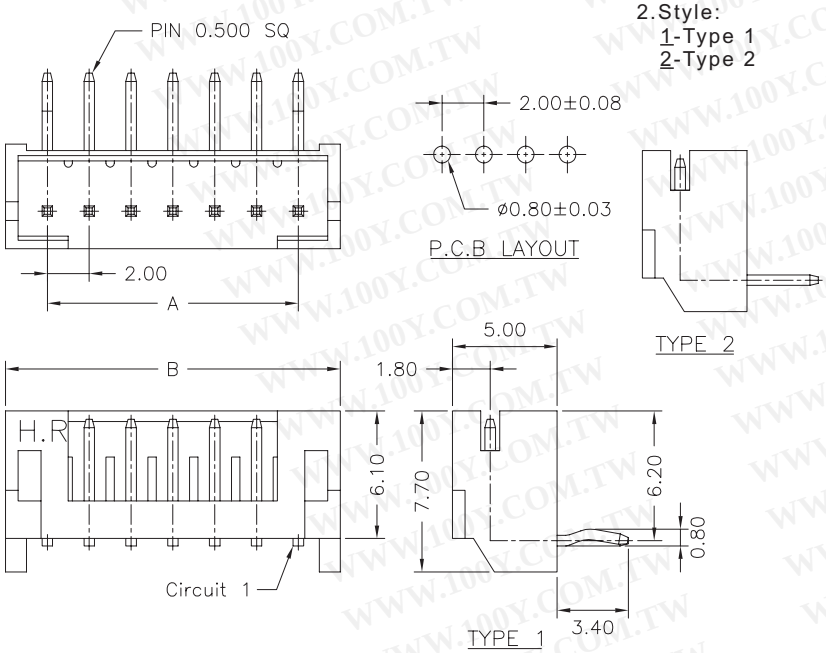
2.00mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2100 series Housing

Ordering Information:
A2100WR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



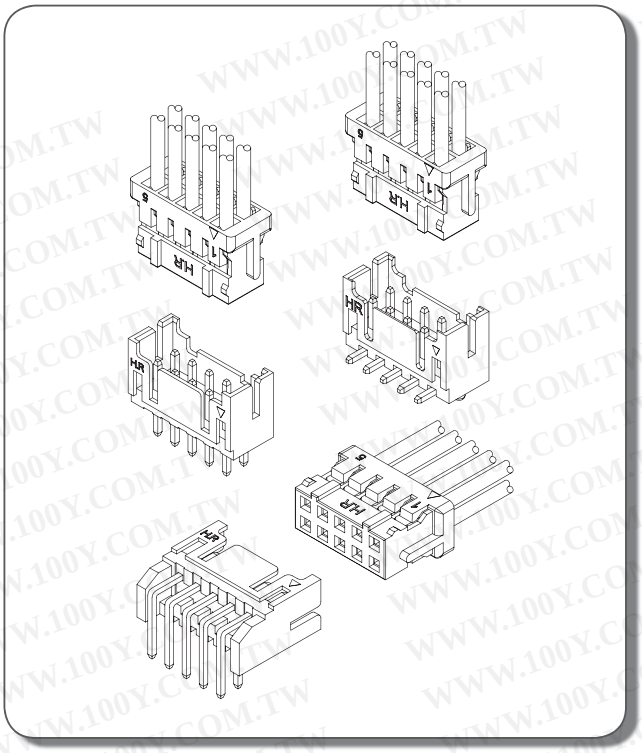


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2100WR-02P	2.00	6.00
A2100WR-03P	4.00	8.00
A2100WR-04P	6.00	10.00
A2100WR-05P	8.00	12.00
A2100WR-06P	10.00	14.00
A2100WR-07P	12.00	16.00
A2100WR-08P	14.00	18.00
A2100WR-09P	16.00	20.00
A2100WR-10P	18.00	22.00
A2100WR-11P	20.00	24.00
A2100WR-12P	22.00	26.00
A2100WR-13P	24.00	28.00
A2100WR-14P	26.00	30.00
A2100WR-15P	28.00	32.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



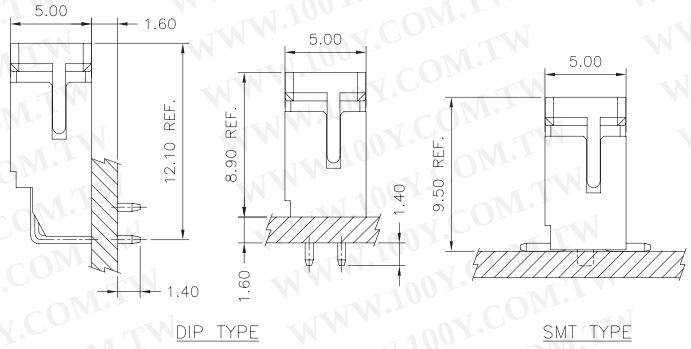
Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2211 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸ ❹
A2211 H – 2X 05P

❶ Series No.
❷ H=Housing
❸ 2X=Dual row
❹ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻ ❼
A2211 WV A -SF – 2X 05P 46G

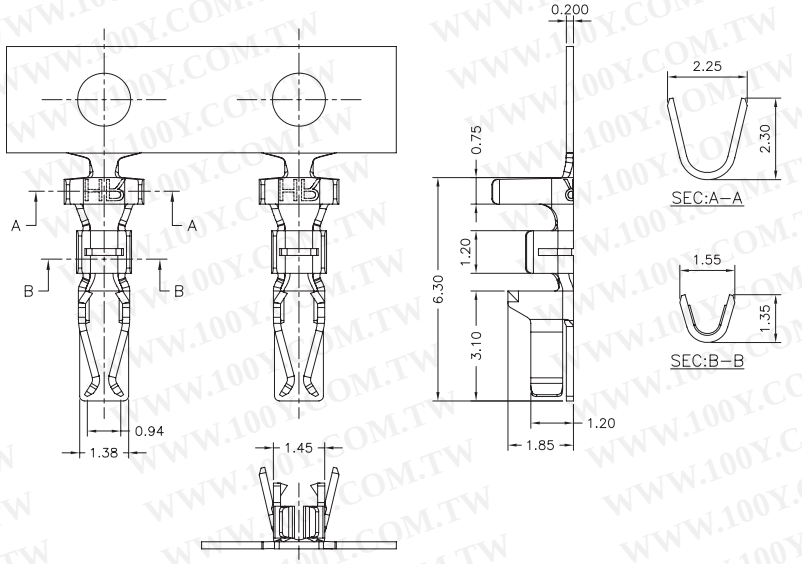
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type, A=A type, B=B type
❹ Mounting type: Blank=Through hole
-SF=SMT with boss
-S=SMT without boss
❺ 2X=Dual row
❻ No. of circuits
❼ Option code:
46G=Nylon 46, Gold-flash
Y02=Nylon 66, Tin-plated, Soldertail 2.50mm
Y12=Nylon 46, Gold-flash, Soldertail 2.50mm
(All above Through hole type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2211-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2211 or A2006 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2211-TPE	AWG#22-#30	1.45mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

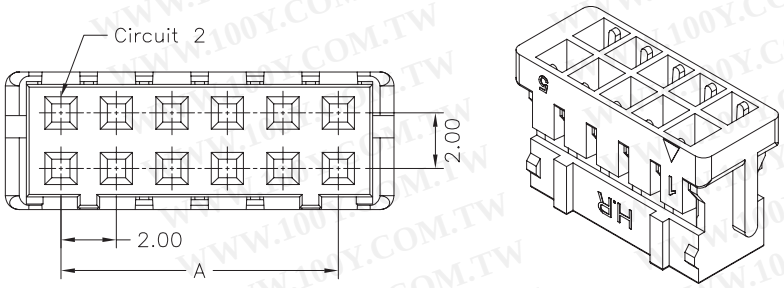
Note:E-Stamping before Tin-plated

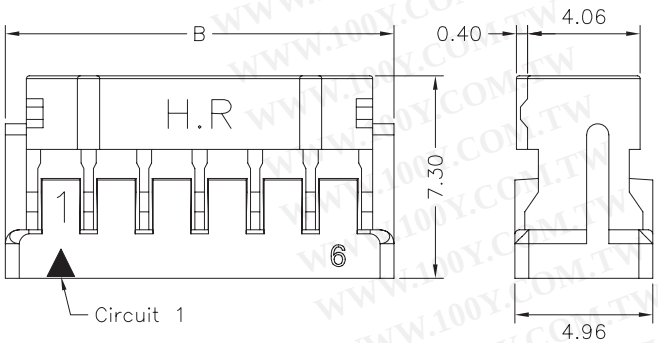
A2211H-2 2.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2211 series Terminal
*Mates with H.R A2211 series dual row Wafer

A2211H-2X05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2211H-2X02P	2.00	6.00
A2211H-2X03P	4.00	8.00
A2211H-2X04P	6.00	10.00
A2211H-2X05P	8.00	12.00
A2211H-2X06P	10.00	14.00
A2211H-2X07P	12.00	16.00
A2211H-2X08P	14.00	18.00
A2211H-2X09P	16.00	20.00
A2211H-2X10P	18.00	22.00
A2211H-2X11P	20.00	24.00
A2211H-2X12P	22.00	26.00
A2211H-2X13P	24.00	28.00
A2211H-2X14P	26.00	30.00
A2211H-2X15P	28.00	32.00
A2211H-2X16P	30.00	34.00
A2211H-2X17P	32.00	36.00
A2211H-2X18P	34.00	38.00
A2211H-2X19P	36.00	40.00
A2211H-2X20P	38.00	42.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

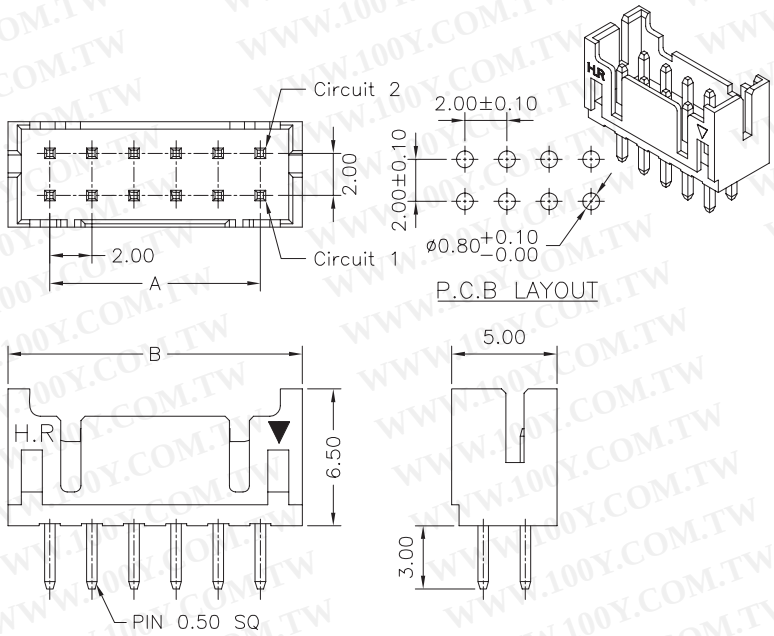
A2211WV-2

2.00mm pitch 180° Dual Row Wafer

A2211WV-2X05P N 0 B T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard, Y2=Soldertail 2.50mm
⑦ Packing code: G=Bag

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2211 series dual row Housing
*Nylon 46 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2211WV-2X02P	2.00	6.00
A2211WV-2X03P	4.00	8.00
A2211WV-2X04P	6.00	10.00
A2211WV-2X05P	8.00	12.00
A2211WV-2X06P	10.00	14.00
A2211WV-2X07P	12.00	16.00
A2211WV-2X08P	14.00	18.00
A2211WV-2X09P	16.00	20.00
A2211WV-2X10P	18.00	22.00
A2211WV-2X11P	20.00	24.00
A2211WV-2X12P	22.00	26.00
A2211WV-2X13P	24.00	28.00
A2211WV-2X14P	26.00	30.00
A2211WV-2X15P	28.00	32.00
A2211WV-2X16P	30.00	34.00
A2211WV-2X17P	32.00	36.00
A2211WV-2X18P	34.00	38.00
A2211WV-2X19P	36.00	40.00
A2211WV-2X20P	38.00	42.00

Unit:mm

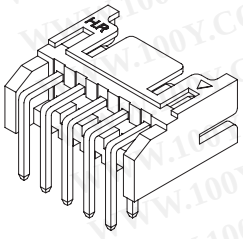
A2211WR-2

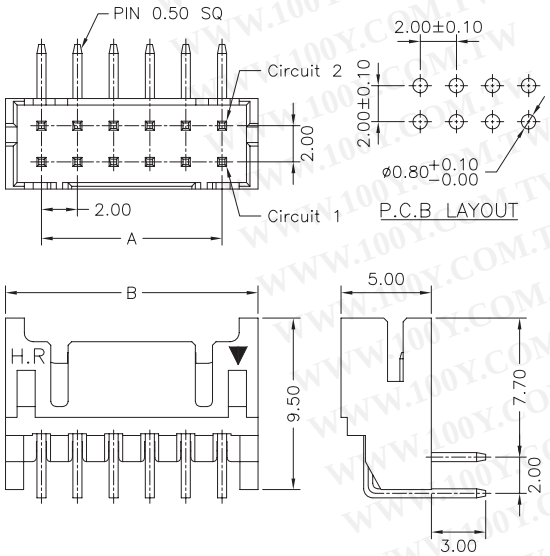
2.00mm pitch 90° Dual Row Wafer

A2211WR-2X05P N 0 B T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard, Y2=Soldertail 2.50mm
⑦ Packing code: G=Bag

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2211 series dual row Housing
*Nylon 46 is available





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2211WR-2X02P	2.00	6.00
A2211WR-2X03P	4.00	8.00
A2211WR-2X04P	6.00	10.00
A2211WR-2X05P	8.00	12.00
A2211WR-2X06P	10.00	14.00
A2211WR-2X07P	12.00	16.00
A2211WR-2X08P	14.00	18.00
A2211WR-2X09P	16.00	20.00
A2211WR-2X10P	18.00	22.00
A2211WR-2X11P	20.00	24.00
A2211WR-2X12P	22.00	26.00
A2211WR-2X13P	24.00	28.00
A2211WR-2X14P	26.00	30.00
A2211WR-2X15P	28.00	32.00
A2211WR-2X16P	30.00	34.00
A2211WR-2X17P	32.00	36.00
A2211WR-2X18P	34.00	38.00
A2211WR-2X19P	36.00	40.00
A2211WR-2X20P	38.00	42.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

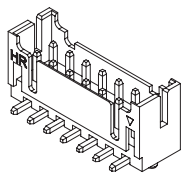
A2211WVA-SF-2

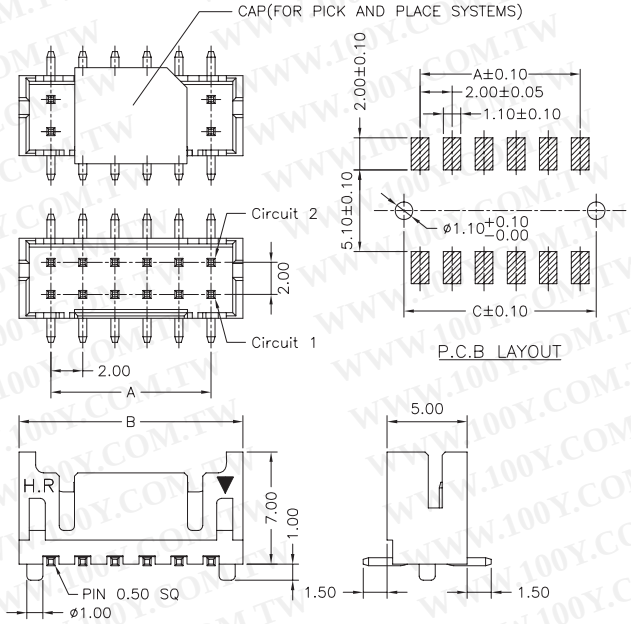
2.00mm pitch 180° Dual Row Wafer With Boss - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A2211 series dual row Housing

A2211WVA-SF-2X05P N 6 B G1 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2211WVA-SF-2X02P	2.00	6.00	4.00
A2211WVA-SF-2X03P	4.00	8.00	6.00
A2211WVA-SF-2X04P	6.00	10.00	8.00
A2211WVA-SF-2X05P	8.00	12.00	10.00
A2211WVA-SF-2X06P	10.00	14.00	12.00
A2211WVA-SF-2X07P	12.00	16.00	14.00
A2211WVA-SF-2X08P	14.00	18.00	16.00
A2211WVA-SF-2X09P	16.00	20.00	18.00
A2211WVA-SF-2X10P	18.00	22.00	20.00
A2211WVA-SF-2X11P	20.00	24.00	22.00
A2211WVA-SF-2X12P	22.00	26.00	24.00
A2211WVA-SF-2X13P	24.00	28.00	26.00
A2211WVA-SF-2X14P	26.00	30.00	28.00
A2211WVA-SF-2X15P	28.00	32.00	30.00
A2211WVA-SF-2X16P	30.00	34.00	32.00
A2211WVA-SF-2X17P	32.00	36.00	34.00
A2211WVA-SF-2X18P	34.00	38.00	36.00
A2211WVA-SF-2X19P	36.00	40.00	38.00
A2211WVA-SF-2X20P	38.00	42.00	40.00

Unit:mm

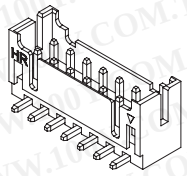
A2211WVA-S-2

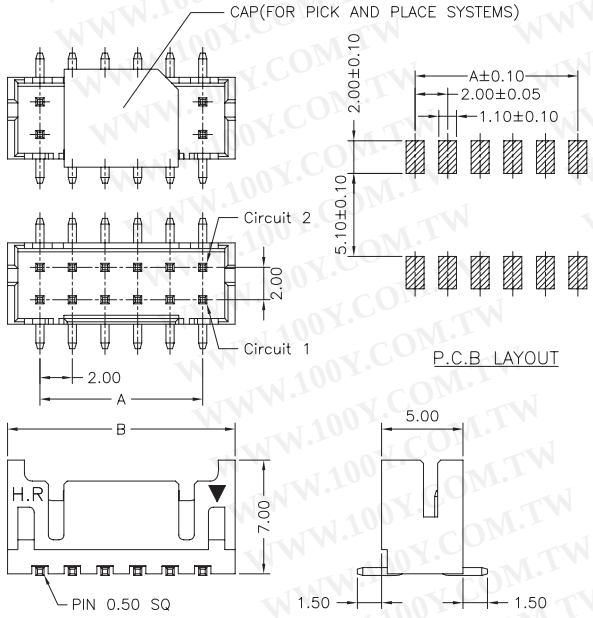
2.00mm pitch 180° Dual Row Wafer Without Boss - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A2211 series dual row Housing

A2211WVA-S-2X05P N 6 B G1 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2211WVA-S-2X02P	2.00	6.00
A2211WVA-S-2X03P	4.00	8.00
A2211WVA-S-2X04P	6.00	10.00
A2211WVA-S-2X05P	8.00	12.00
A2211WVA-S-2X06P	10.00	14.00
A2211WVA-S-2X07P	12.00	16.00
A2211WVA-S-2X08P	14.00	18.00
A2211WVA-S-2X09P	16.00	20.00
A2211WVA-S-2X10P	18.00	22.00
A2211WVA-S-2X11P	20.00	24.00
A2211WVA-S-2X12P	22.00	26.00
A2211WVA-S-2X13P	24.00	28.00
A2211WVA-S-2X14P	26.00	30.00
A2211WVA-S-2X15P	28.00	32.00
A2211WVA-S-2X16P	30.00	34.00
A2211WVA-S-2X17P	32.00	36.00
A2211WVA-S-2X18P	34.00	38.00
A2211WVA-S-2X19P	36.00	40.00
A2211WVA-S-2X20P	38.00	42.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2211WVB-SF-2

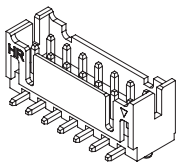
2.00mm pitch 180° Dual Row Wafer With Boss -SMT TYPE

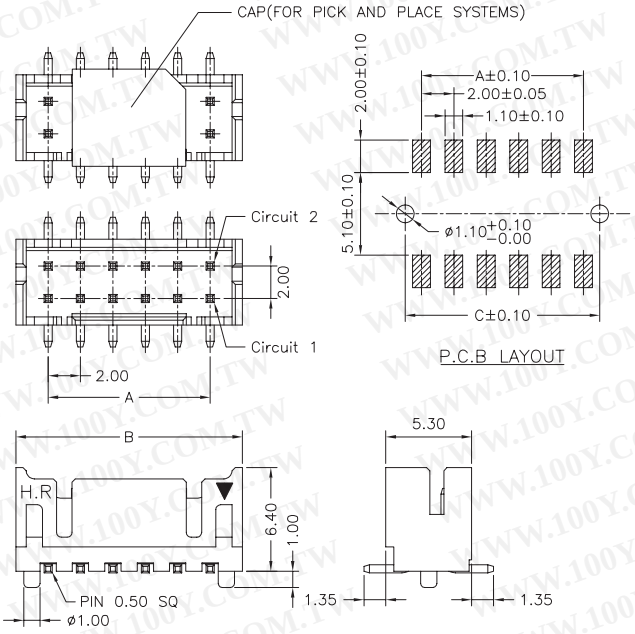
Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 46,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R A2211 series dual row Housing

A2211WVB-SF-2X05P N 6 B G1 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)

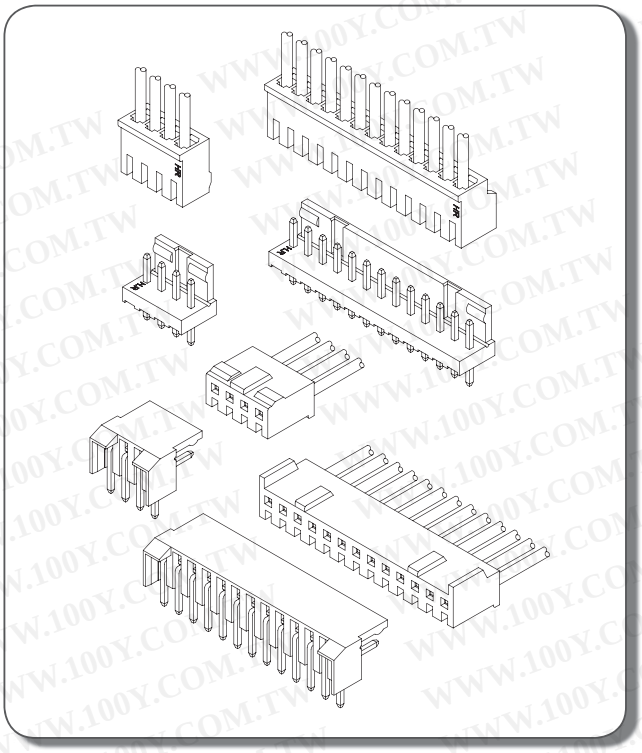




Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2211WVB-SF-2X02P	2.00	6.00	4.00
A2211WVB-SF-2X03P	4.00	8.00	6.00
A2211WVB-SF-2X04P	6.00	10.00	8.00
A2211WVB-SF-2X05P	8.00	12.00	10.00
A2211WVB-SF-2X06P	10.00	14.00	12.00
A2211WVB-SF-2X07P	12.00	16.00	14.00
A2211WVB-SF-2X08P	14.00	18.00	16.00
A2211WVB-SF-2X09P	16.00	20.00	18.00
A2211WVB-SF-2X10P	18.00	22.00	20.00
A2211WVB-SF-2X11P	20.00	24.00	22.00
A2211WVB-SF-2X12P	22.00	26.00	24.00
A2211WVB-SF-2X13P	24.00	28.00	26.00
A2211WVB-SF-2X14P	26.00	30.00	28.00
A2211WVB-SF-2X15P	28.00	32.00	30.00
A2211WVB-SF-2X16P	30.00	34.00	32.00
A2211WVB-SF-2X17P	32.00	36.00	34.00
A2211WVB-SF-2X18P	34.00	38.00	36.00
A2211WVB-SF-2X19P	36.00	40.00	38.00
A2211WVB-SF-2X20P	38.00	42.00	40.00

Unit:mm



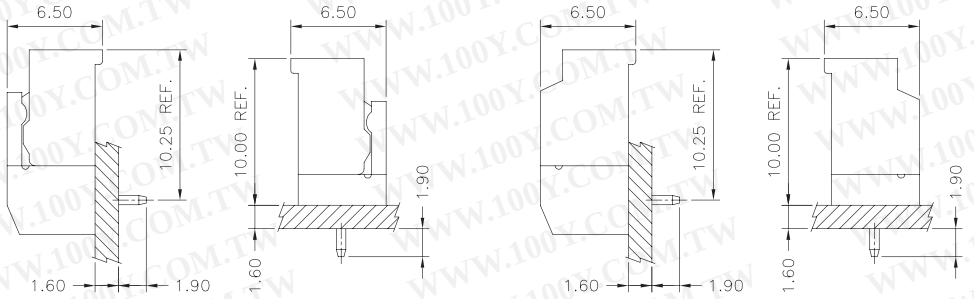
Specifications

Current rating: 3A AC,DC
Voltage rating: 500V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2500 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2500 WV – 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

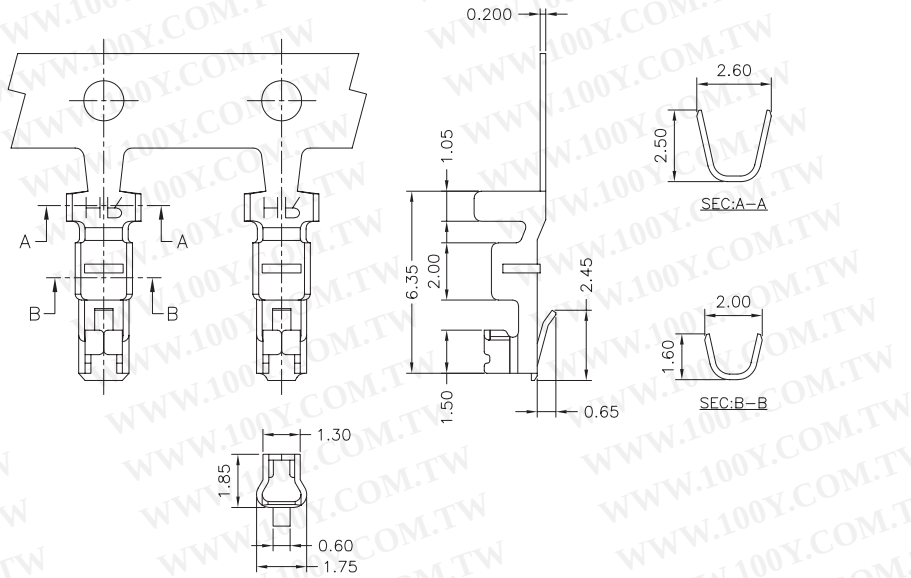
❶ ❷ ❸ ❹
A2500 H – 05P – 1

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code: 1=Type 1, 2=Type 2

A2500-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2500 series Housing



Ordering Information & Specifications: Unit:mm

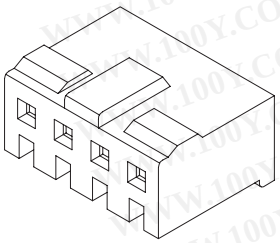
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2500-TPE	AWG#22-#28	1.70mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

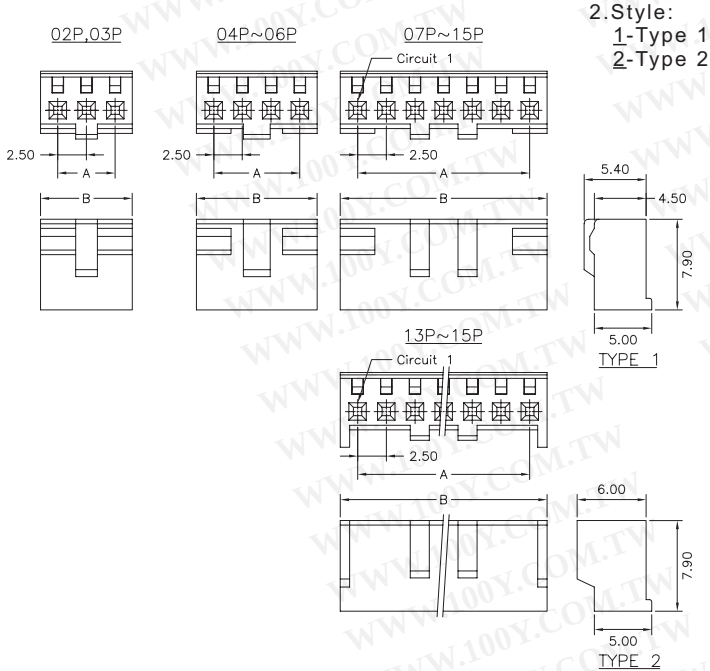
A2500H 2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2500 series Terminal
*Mates with H.R A2500 series Wafer



Ordering Information:
A2500H-XP-＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2500H-02P	2.50	5.50
A2500H-03P	5.00	8.00
A2500H-04P	7.50	10.50
A2500H-05P	10.00	13.00
A2500H-06P	12.50	15.50
A2500H-07P	15.00	18.00
A2500H-08P	17.50	20.50
A2500H-09P	20.00	23.00
A2500H-10P	22.50	25.50
A2500H-11P	25.00	28.00
A2500H-12P	27.50	30.50
A2500H-13P	30.00	33.00
A2500H-14P	32.50	35.50
A2500H-15P	35.00	38.00

Unit:mm

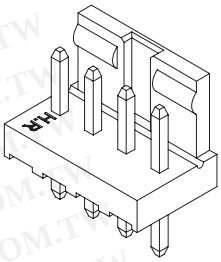
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

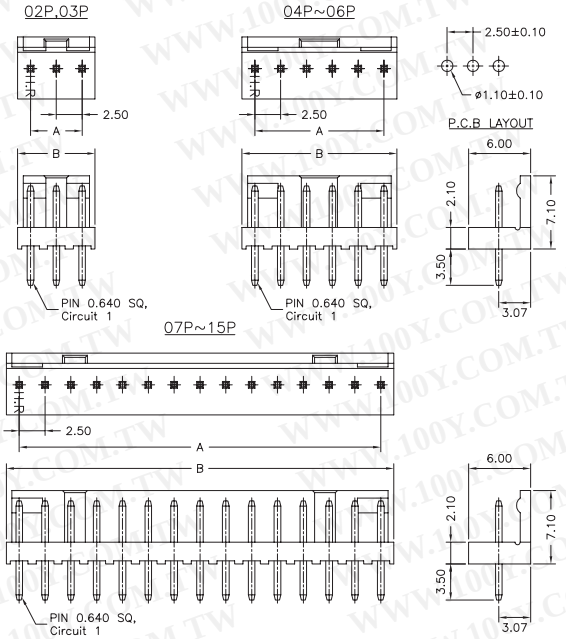
A2500WV

2.50mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2500 series Housing





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2500WV-02P	2.50	5.00
A2500WV-03P	5.00	7.50
A2500WV-04P	7.50	10.00
A2500WV-05P	10.00	12.50
A2500WV-06P	12.50	15.00
A2500WV-07P	15.00	17.50
A2500WV-08P	17.50	20.00
A2500WV-09P	20.00	22.50
A2500WV-10P	22.50	25.00
A2500WV-11P	25.00	27.50
A2500WV-12P	27.50	30.00
A2500WV-13P	30.00	32.50
A2500WV-14P	32.50	35.00
A2500WV-15P	35.00	37.50

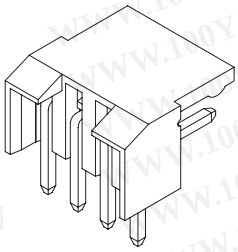
Unit:mm

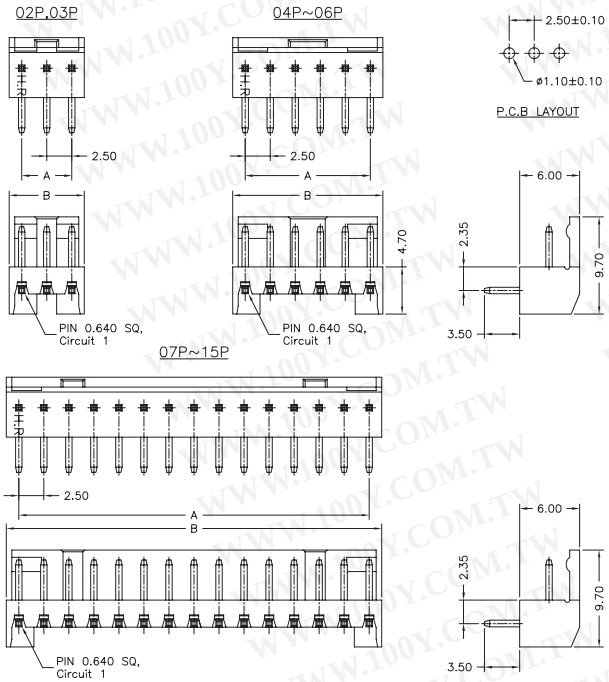
A2500WR

2.50mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2500 series Housing

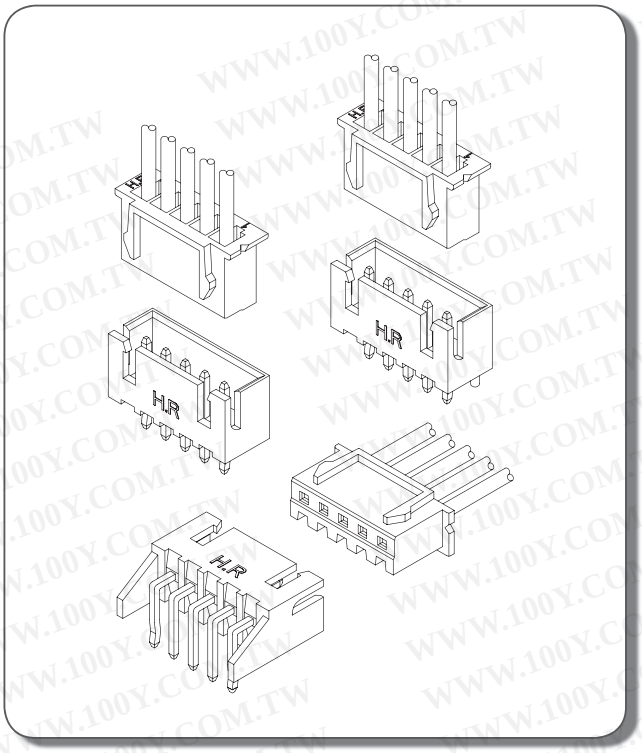




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2500WR-02P	2.50	5.00
A2500WR-03P	5.00	7.50
A2500WR-04P	7.50	10.00
A2500WR-05P	10.00	12.50
A2500WR-06P	12.50	15.00
A2500WR-07P	15.00	17.50
A2500WR-08P	17.50	20.00
A2500WR-09P	20.00	22.50
A2500WR-10P	22.50	25.00
A2500WR-11P	25.00	27.50
A2500WR-12P	27.50	30.00
A2500WR-13P	30.00	32.50
A2500WR-14P	32.50	35.00
A2500WR-15P	35.00	37.50

Unit:mm



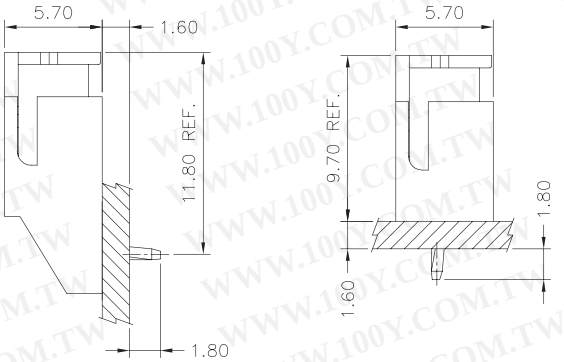
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2501 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze, B=Brass
❹ E=Stamping before plating

❶ ❷ ❸
A2501 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

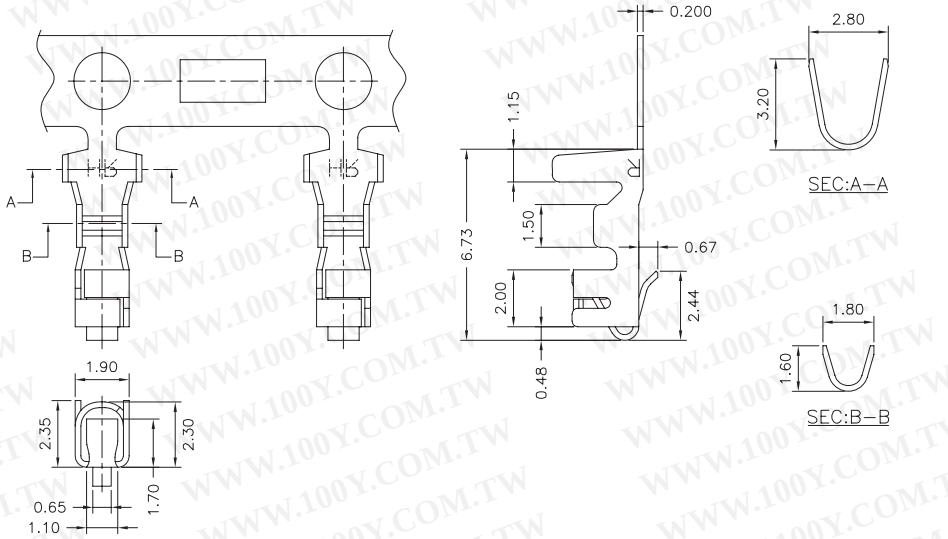
❶ ❷ ❸ ❹ ❺ ❻
A2501 WV R -F – 05P 46G

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
R=Right angle type
❹ Blank=Normal type
-F=With boss
❺ No. of circuits
❻ Option code:
1=Type 1, 2=Type 2, 3=Type 3
46G=Nylon 46, Gold-flash

A2501-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2501 series Housing

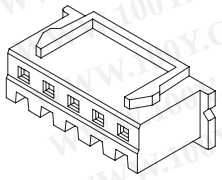


Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2501-TBE	AWG#22-#28	1.90mm(max)	Brass	Tin-plated	8,000pcs
A2501-TPE	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin-plated	8,000pcs

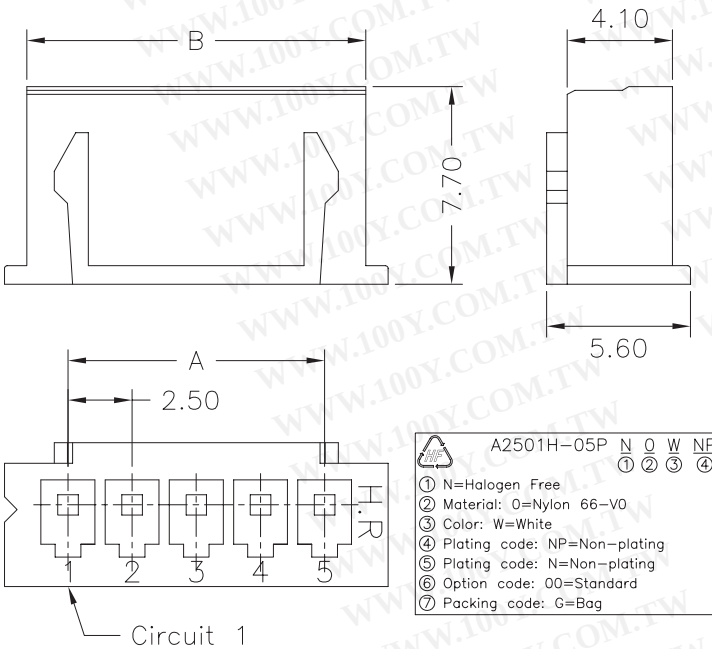
Note:E-Stamping before Tin-plated

A2501H 2.50mm pitch Housing



Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2501 series Terminal
*Mates with H.R A2501 series Wafer



A2501H–05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66–V0
③ Color: W=White
④ Plating code: NP=Non–plating
⑤ Plating code: N=Non–plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

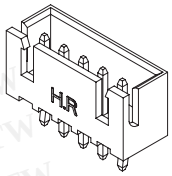
PART NO.	Dimensions	
	A	B
A2501H-02P	2.50	5.70
A2501H-03P	5.00	8.20
A2501H-04P	7.50	10.70
A2501H-05P	10.00	13.20
A2501H-06P	12.50	15.70
A2501H-07P	15.00	18.20
A2501H-08P	17.50	20.70
A2501H-09P	20.00	23.20
A2501H-10P	22.50	25.70
A2501H-11P	25.00	28.20
A2501H-12P	27.50	30.70
A2501H-13P	30.00	33.20
A2501H-14P	32.50	35.70
A2501H-15P	35.00	38.20
A2501H-16P	37.50	40.70
A2501H-17P	40.00	43.20
A2501H-18P	42.50	45.70
A2501H-19P	45.00	48.20
A2501H-20P	47.50	50.70

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

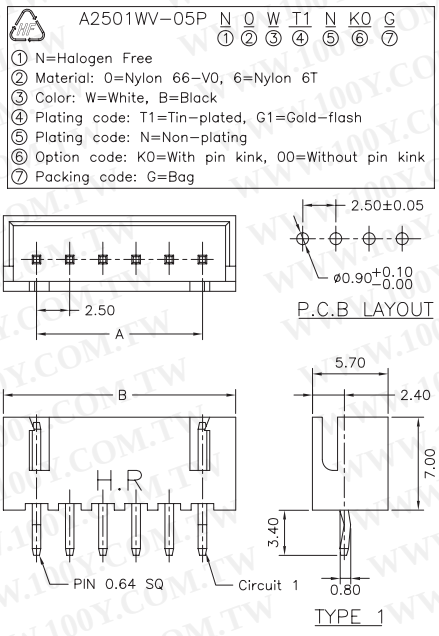
A2501WV

2.50mm pitch 180° Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2501 series Housing
*Nylon 46 is available



Ordering Information:
A2501WV-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2
3-Type 3

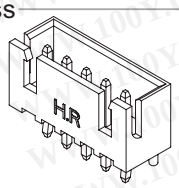
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WV-02P	2.50	7.50
A2501WV-03P	5.00	10.00
A2501WV-04P	7.50	12.50
A2501WV-05P	10.00	15.00
A2501WV-06P	12.50	17.50
A2501WV-07P	15.00	20.00
A2501WV-08P	17.50	22.50
A2501WV-09P	20.00	25.00
A2501WV-10P	22.50	27.50
A2501WV-11P	25.00	30.00
A2501WV-12P	27.50	32.50
A2501WV-13P	30.00	35.00
A2501WV-14P	32.50	37.50
A2501WV-15P	35.00	40.00
A2501WV-16P	37.50	42.50
A2501WV-17P	40.00	45.00
A2501WV-18P	42.50	47.50
A2501WV-19P	45.00	50.00
A2501WV-20P	47.50	52.50

Unit:mm

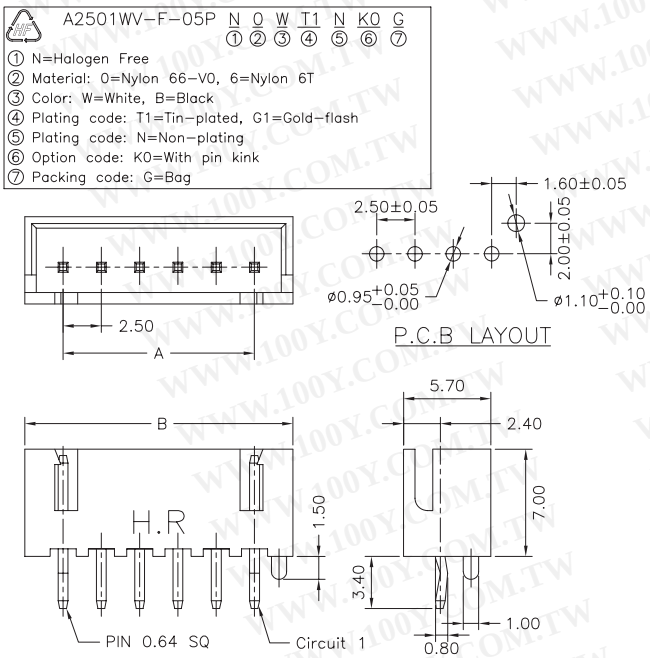
A2501WV-F

2.50mm pitch 180° Wafer With Boss



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2501 series Housing
*Nylon 46 is available



Ordering Information & Dimensions:

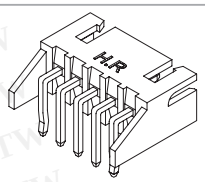
PART NO.	Dimensions	
	A	B
A2501WV-F-02P	2.50	7.50
A2501WV-F-03P	5.00	10.00
A2501WV-F-04P	7.50	12.50
A2501WV-F-05P	10.00	15.00
A2501WV-F-06P	12.50	17.50
A2501WV-F-07P	15.00	20.00
A2501WV-F-08P	17.50	22.50
A2501WV-F-09P	20.00	25.00
A2501WV-F-10P	22.50	27.50
A2501WV-F-11P	25.00	30.00
A2501WV-F-12P	27.50	32.50
A2501WV-F-13P	30.00	35.00
A2501WV-F-14P	32.50	37.50
A2501WV-F-15P	35.00	40.00
A2501WV-F-16P	37.50	42.50
A2501WV-F-17P	40.00	45.00
A2501WV-F-18P	42.50	47.50
A2501WV-F-19P	45.00	50.00
A2501WV-F-20P	47.50	52.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

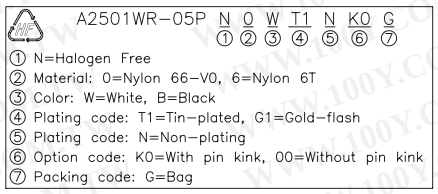
A2501WR

2.50mm pitch 90° Wafer

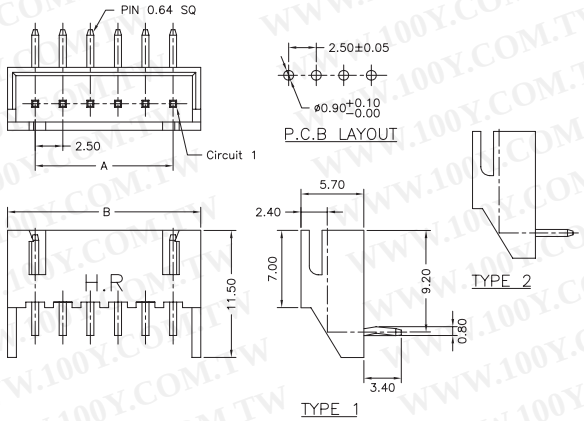


Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2501 series Housing
*Nylon 46 is available



Ordering Information:
A2501WR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



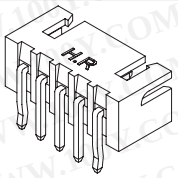
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WR-02P	2.50	7.50
A2501WR-03P	5.00	10.00
A2501WR-04P	7.50	12.50
A2501WR-05P	10.00	15.00
A2501WR-06P	12.50	17.50
A2501WR-07P	15.00	20.00
A2501WR-08P	17.50	22.50
A2501WR-09P	20.00	25.00
A2501WR-10P	22.50	27.50
A2501WR-11P	25.00	30.00
A2501WR-12P	27.50	32.50
A2501WR-13P	30.00	35.00
A2501WR-14P	32.50	37.50
A2501WR-15P	35.00	40.00
A2501WR-16P	37.50	42.50
A2501WR-17P	40.00	45.00
A2501WR-18P	42.50	47.50
A2501WR-19P	45.00	50.00
A2501WR-20P	47.50	52.50

Unit:mm

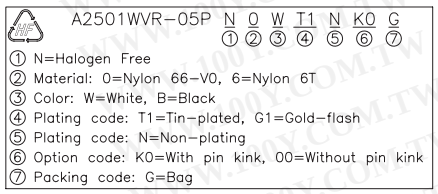
A2501WVR

2.50mm pitch 90° Wafer

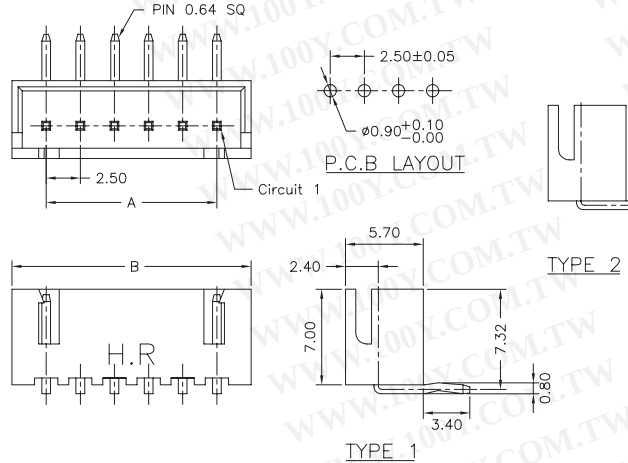


Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2501 series Housing
*Nylon 46 is available



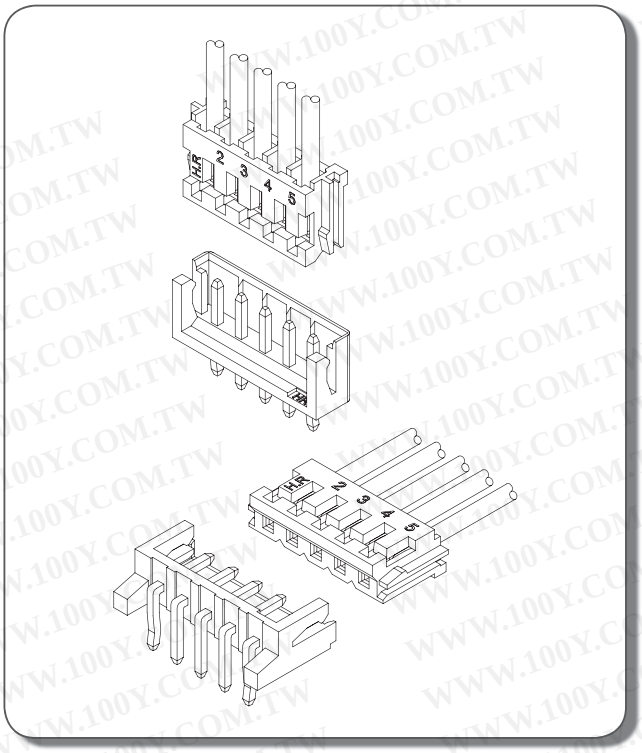
Ordering Information:
A2501WVR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WVR-02P	2.50	7.50
A2501WVR-03P	5.00	10.00
A2501WVR-04P	7.50	12.50
A2501WVR-05P	10.00	15.00
A2501WVR-06P	12.50	17.50
A2501WVR-07P	15.00	20.00
A2501WVR-08P	17.50	22.50
A2501WVR-09P	20.00	25.00
A2501WVR-10P	22.50	27.50
A2501WVR-11P	25.00	30.00
A2501WVR-12P	27.50	32.50
A2501WVR-13P	30.00	35.00
A2501WVR-14P	32.50	37.50
A2501WVR-15P	35.00	40.00
A2501WVR-16P	37.50	42.50
A2501WVR-17P	40.00	45.00
A2501WVR-18P	42.50	47.50
A2501WVR-19P	45.00	50.00
A2501WVR-20P	47.50	52.50

Unit:mm



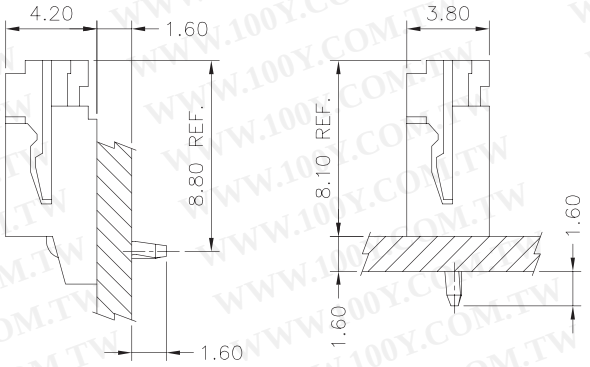
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2502 - T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2502 H - 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

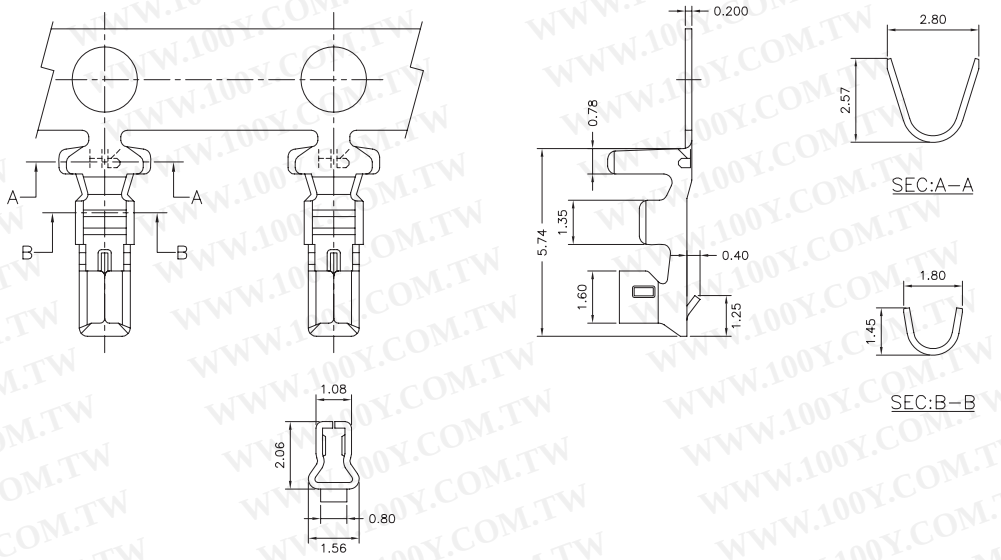
❶ ❷ ❸ ❹
A2502 WR - 05P 2

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code: 1=Type 1, 2=Type 2

A2502-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2502 or A2507 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2502-TPE	AWG#22-#30	1.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

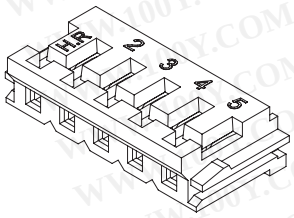
Note:E-Stamping before Tin-plated

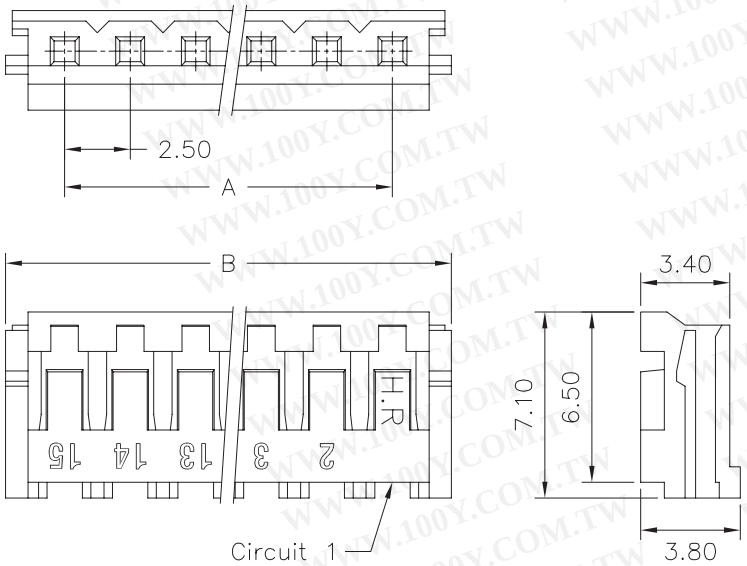
A2502H 2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2502 series Terminal
*Mates with H.R A2502 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2502H-02P	2.50	7.00
A2502H-03P	5.00	9.50
A2502H-04P	7.50	12.00
A2502H-05P	10.00	14.50
A2502H-06P	12.50	17.00
A2502H-07P	15.00	19.50
A2502H-08P	17.50	22.00
A2502H-09P	20.00	24.50
A2502H-10P	22.50	27.00
A2502H-11P	25.00	29.50
A2502H-12P	27.50	32.00
A2502H-13P	30.00	34.50
A2502H-14P	32.50	37.00
A2502H-15P	35.00	39.50

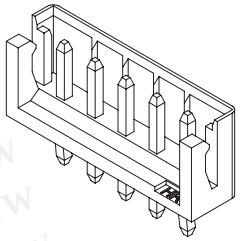
Unit:mm

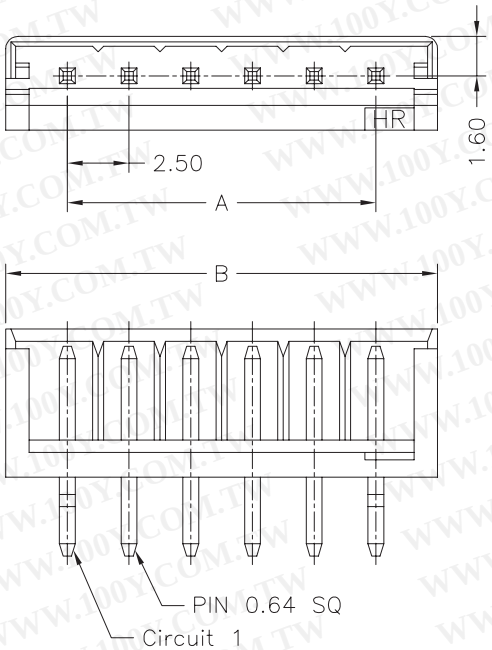
A2502WV 2.50mm pitch 180° Wafer

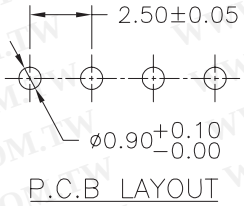
Reference Informations:

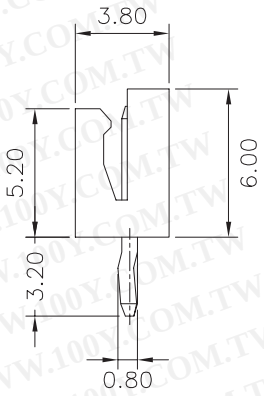
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2502 series Housing

A2502WV-05P N 0 W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink
⑦ Packing code: G=Bag









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2502WV-02P	2.50	7.50
A2502WV-03P	5.00	10.00
A2502WV-04P	7.50	12.50
A2502WV-05P	10.00	15.00
A2502WV-06P	12.50	17.50
A2502WV-07P	15.00	20.00
A2502WV-08P	17.50	22.50
A2502WV-09P	20.00	25.00
A2502WV-10P	22.50	27.50
A2502WV-11P	25.00	30.00
A2502WV-12P	27.50	32.50
A2502WV-13P	30.00	35.00
A2502WV-14P	32.50	37.50
A2502WV-15P	35.00	40.00

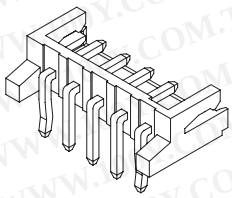
Unit:mm

A2502WR 2.50mm pitch 90° Wafer

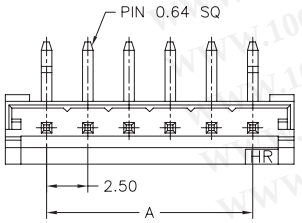
Reference Informations:

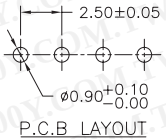
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2502 series Housing

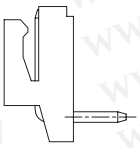
A2502WR-05P N 0 W T1 N K0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: K0=With pin kink, 00=Without pin kink
⑦ Packing code: G=Bag



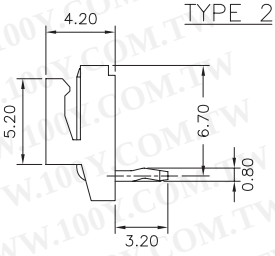
Ordering Information:
A2502WR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2







TYPE 2



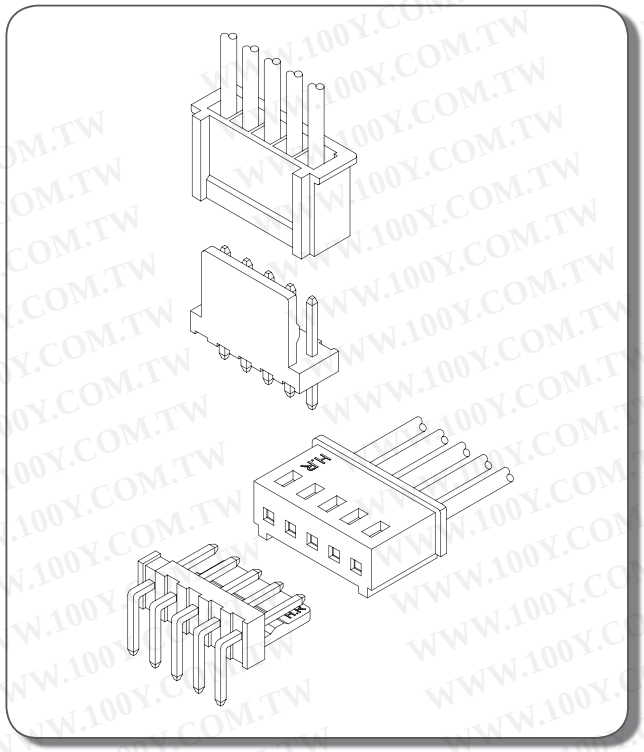
TYPE 1

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2502WR-02P	2.50	7.50
A2502WR-03P	5.00	10.00
A2502WR-04P	7.50	12.50
A2502WR-05P	10.00	15.00
A2502WR-06P	12.50	17.50
A2502WR-07P	15.00	20.00
A2502WR-08P	17.50	22.50
A2502WR-09P	20.00	25.00
A2502WR-10P	22.50	27.50
A2502WR-11P	25.00	30.00
A2502WR-12P	27.50	32.50
A2502WR-13P	30.00	35.00
A2502WR-14P	32.50	37.50
A2502WR-15P	35.00	40.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



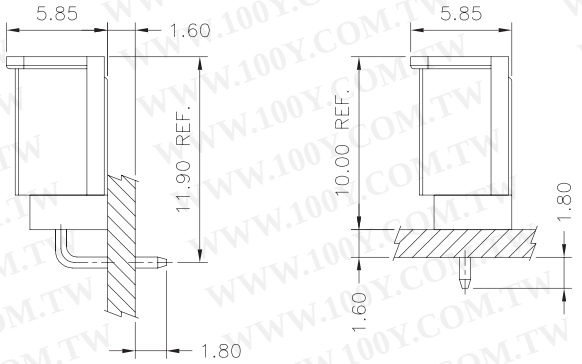
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2503 – T B E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: B=Brass
❹ E=Stamping before plating

❶ ❷ ❸
A2503 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

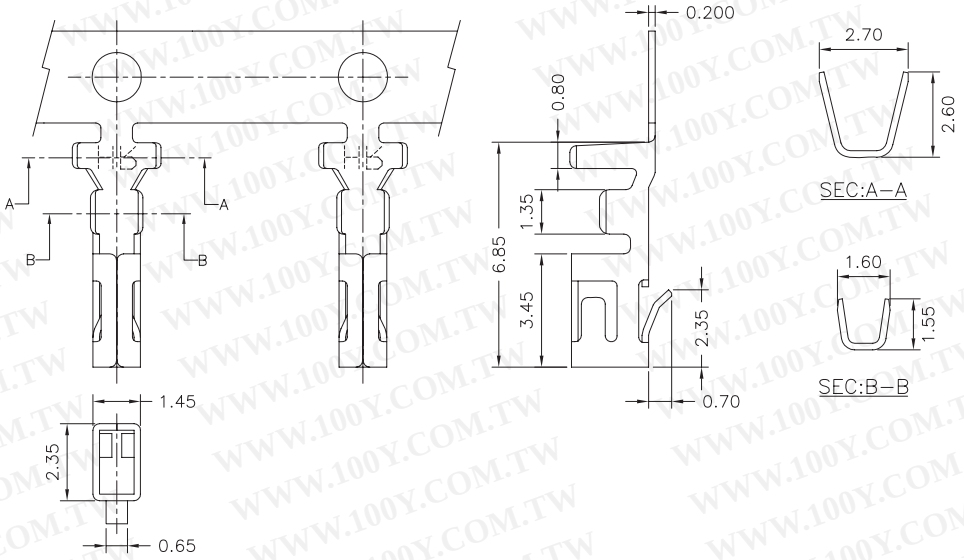
❶ ❷ ❸
A2503 WV – 05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

A2503-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2503 series Housing



Ordering Information & Specifications: Unit:mm

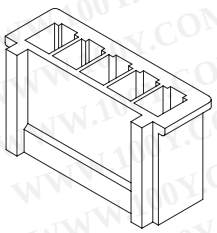
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2503-TBE	AWG#22-#28	1.75mm(max)	Brass	Tin-plated	8,000pcs

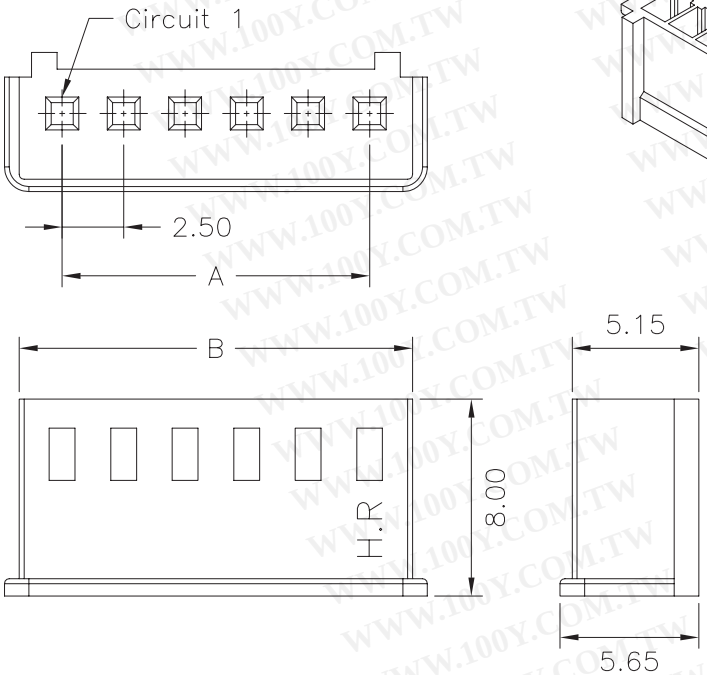
Note:E-Stamping before Tin-plated

A2503H 2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A2503 series Terminal
*Mates with H.R A2503 series Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2503H-02P	2.50	6.00
A2503H-03P	5.00	8.50
A2503H-04P	7.50	11.00
A2503H-05P	10.00	13.50
A2503H-06P	12.50	16.00
A2503H-07P	15.00	18.50
A2503H-08P	17.50	21.00
A2503H-09P	20.00	23.50
A2503H-10P	22.50	26.00
A2503H-11P	25.00	28.50
A2503H-12P	27.50	31.00
A2503H-13P	30.00	33.50
A2503H-14P	32.50	36.00
A2503H-15P	35.00	38.50
A2503H-16P	37.50	41.00
A2503H-17P	40.00	43.50
A2503H-18P	42.50	46.00
A2503H-19P	45.00	48.50
A2503H-20P	47.50	51.00

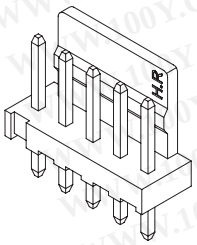
Unit:mm

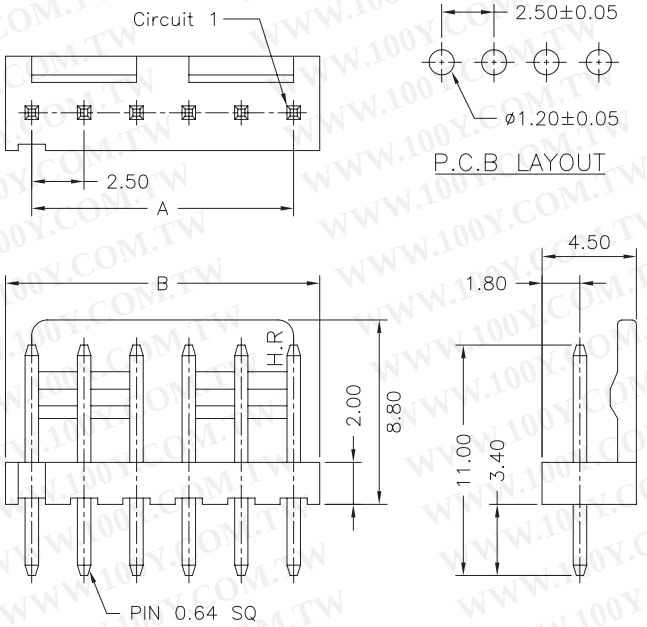
A2503WV

2.50mm pitch 180˚ Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2503 series Housing





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2503WV-02P	2.50	5.00
A2503WV-03P	5.00	7.50
A2503WV-04P	7.50	10.00
A2503WV-05P	10.00	12.50
A2503WV-06P	12.50	15.00
A2503WV-07P	15.00	17.50
A2503WV-08P	17.50	20.00
A2503WV-09P	20.00	22.50
A2503WV-10P	22.50	25.00
A2503WV-11P	25.00	27.50
A2503WV-12P	27.50	30.00
A2503WV-13P	30.00	32.50
A2503WV-14P	32.50	35.00
A2503WV-15P	35.00	37.50
A2503WV-16P	37.50	40.00
A2503WV-17P	40.00	42.50
A2503WV-18P	42.50	45.00
A2503WV-19P	45.00	47.50
A2503WV-20P	47.50	50.00

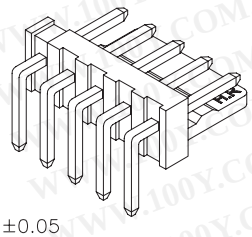
Unit:mm

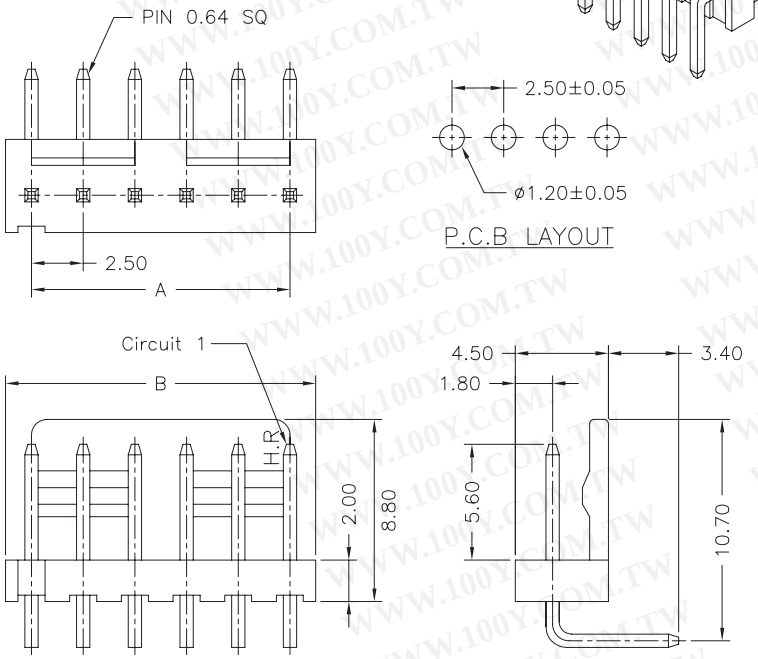
A2503WR

2.50mm pitch 90˚ Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2503 series Housing



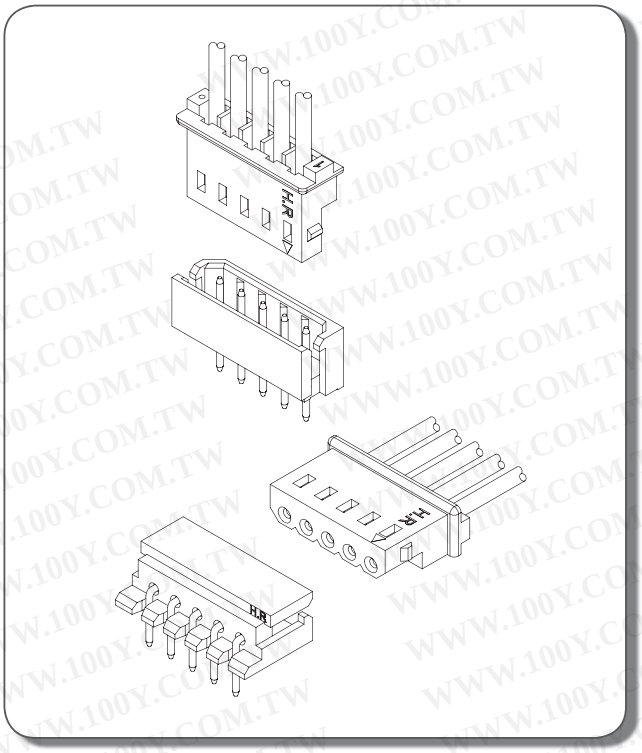


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2503WR-02P	2.50	5.00
A2503WR-03P	5.00	7.50
A2503WR-04P	7.50	10.00
A2503WR-05P	10.00	12.50
A2503WR-06P	12.50	15.00
A2503WR-07P	15.00	17.50
A2503WR-08P	17.50	20.00
A2503WR-09P	20.00	22.50
A2503WR-10P	22.50	25.00
A2503WR-11P	25.00	27.50
A2503WR-12P	27.50	30.00
A2503WR-13P	30.00	32.50
A2503WR-14P	32.50	35.00
A2503WR-15P	35.00	37.50
A2503WR-16P	37.50	40.00
A2503WR-17P	40.00	42.50
A2503WR-18P	42.50	45.00
A2503WR-19P	45.00	47.50
A2503WR-20P	47.50	50.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



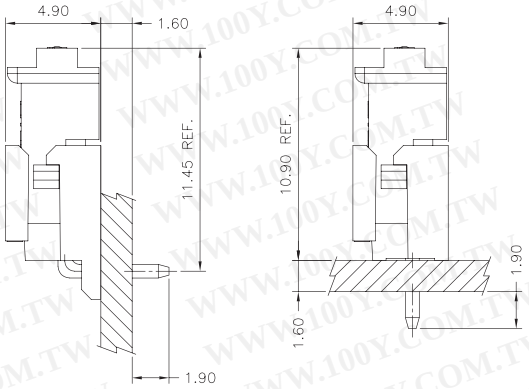
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2506 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸
A2506 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

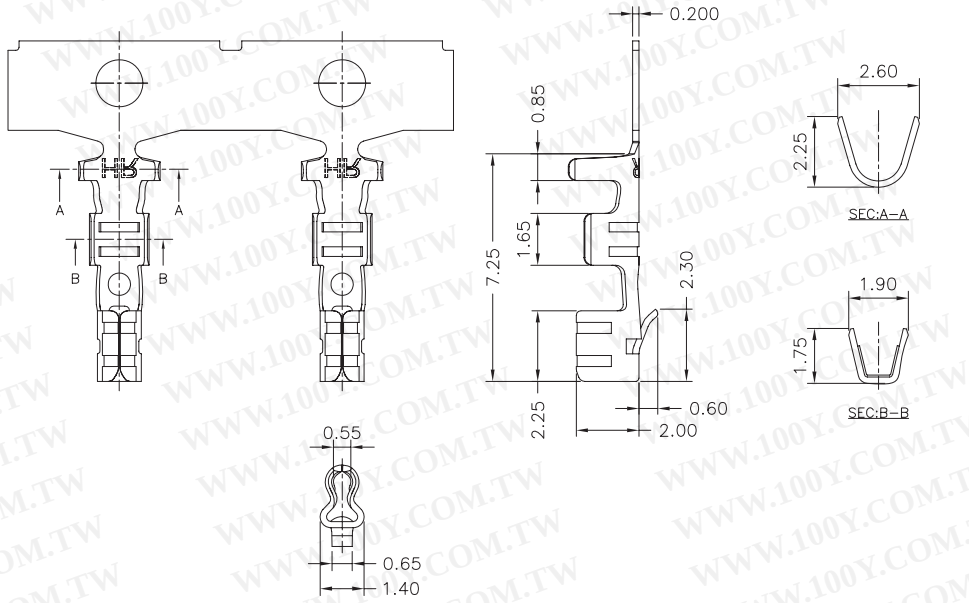
❶ ❷ ❸ ❹
A2506 WV – 05P 6TG

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code:
6TG=Nylon 6T, Gold-flash

A2506-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2506 series Housing



Ordering Information & Specifications: Unit:mm

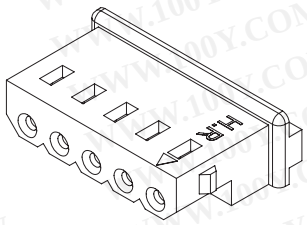
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2506-TPE	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

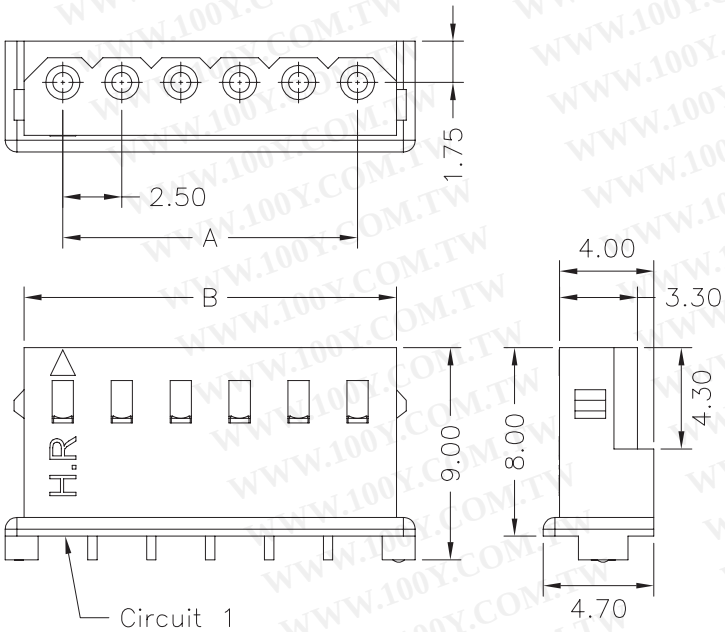
Note:E-Stamping before Tin-plated

A2506H 2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2506 series Terminal
*Mates with H.R A2506 series Wafer



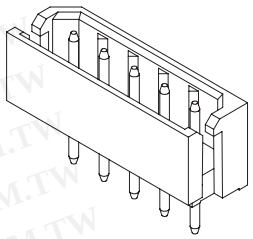


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2506H-02P	2.50	5.80
A2506H-03P	5.00	8.30
A2506H-04P	7.50	10.80
A2506H-05P	10.00	13.30
A2506H-06P	12.50	15.80
A2506H-07P	15.00	18.30
A2506H-08P	17.50	20.80
A2506H-09P	20.00	23.30
A2506H-10P	22.50	25.80
A2506H-11P	25.00	28.30
A2506H-12P	27.50	30.80
A2506H-13P	30.00	33.30
A2506H-14P	32.50	35.80
A2506H-15P	35.00	38.30
A2506H-16P	37.50	40.80

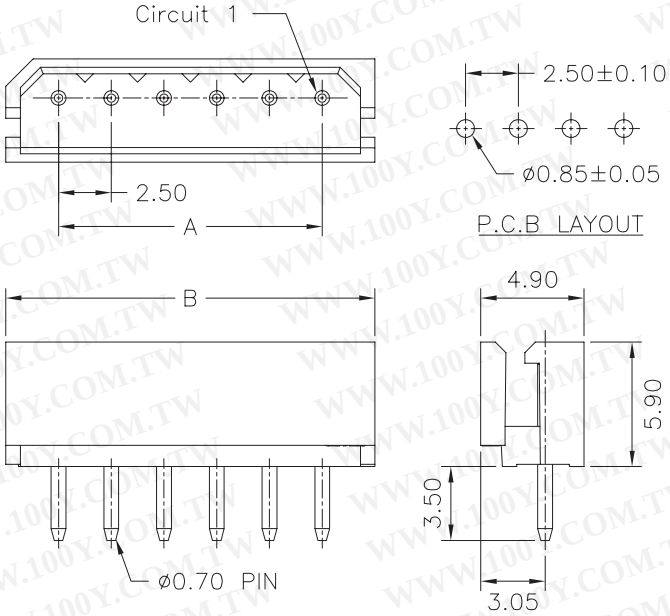
Unit:mm

A2506WV 2.50mm pitch 180˚ Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2506 series Housing
*Nylon 6T is available

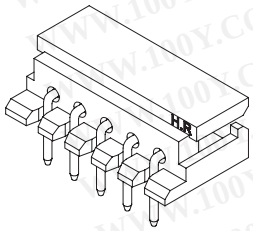


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2506WV-02P	2.50	7.50
A2506WV-03P	5.00	10.00
A2506WV-04P	7.50	12.50
A2506WV-05P	10.00	15.00
A2506WV-06P	12.50	17.50
A2506WV-07P	15.00	20.00
A2506WV-08P	17.50	22.50
A2506WV-09P	20.00	25.00
A2506WV-10P	22.50	27.50
A2506WV-11P	25.00	30.00
A2506WV-12P	27.50	32.50
A2506WV-13P	30.00	35.00
A2506WV-14P	32.50	37.50
A2506WV-15P	35.00	40.00
A2506WV-16P	37.50	42.50

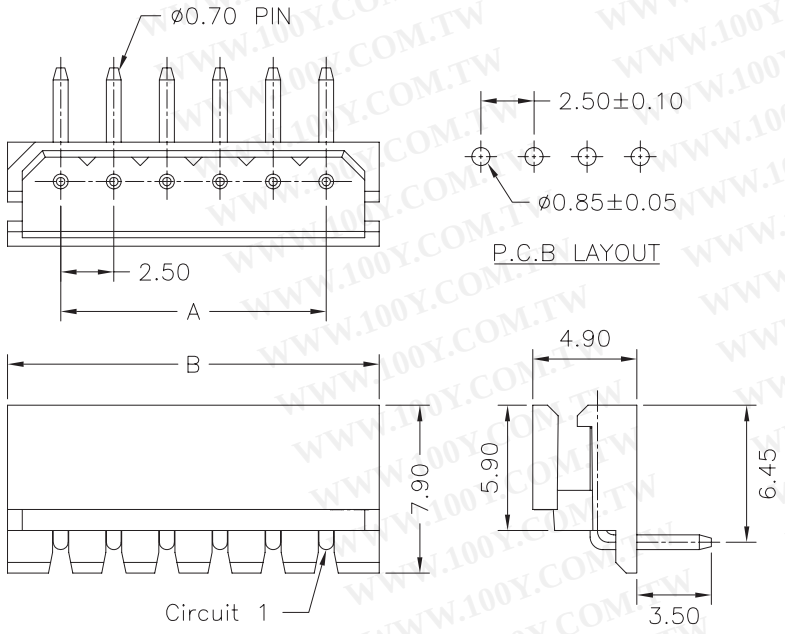
Unit:mm

A2506WR 2.50mm pitch 90˚ Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2506 series Housing
*Nylon 6T is available

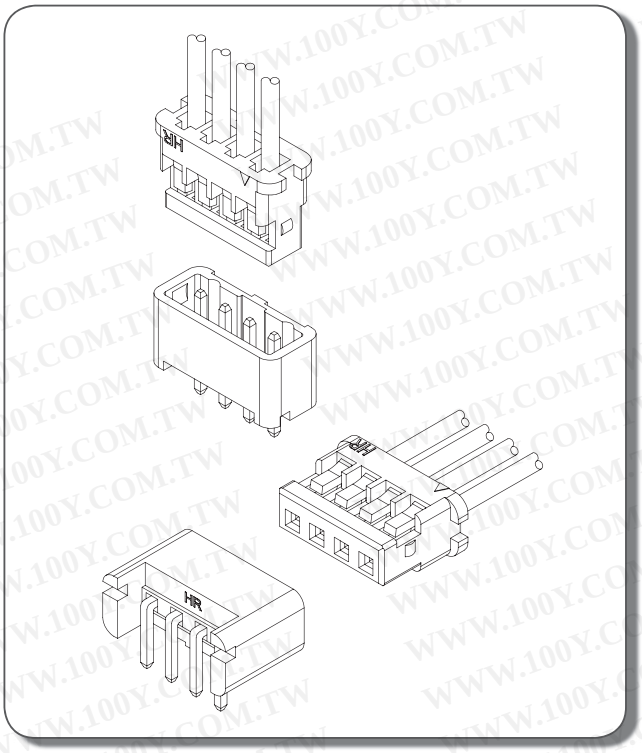


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2506WR-02P	2.50	7.50
A2506WR-03P	5.00	10.00
A2506WR-04P	7.50	12.50
A2506WR-05P	10.00	15.00
A2506WR-06P	12.50	17.50
A2506WR-07P	15.00	20.00
A2506WR-08P	17.50	22.50
A2506WR-09P	20.00	25.00
A2506WR-10P	22.50	27.50
A2506WR-11P	25.00	30.00
A2506WR-12P	27.50	32.50
A2506WR-13P	30.00	35.00
A2506WR-14P	32.50	37.50
A2506WR-15P	35.00	40.00
A2506WR-16P	37.50	42.50

Unit:mm

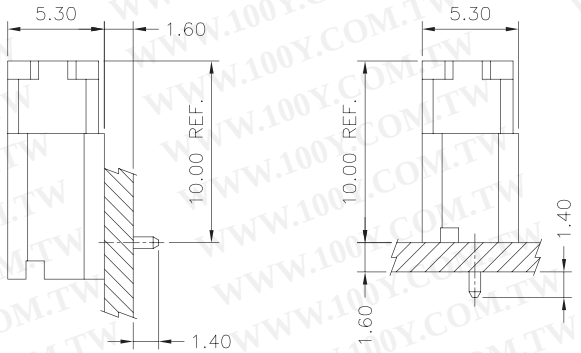
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 3A AC,DC
Voltage rating: 500V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸
A2507 H-05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

❶ ❷ ❸
A2507 WV-05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

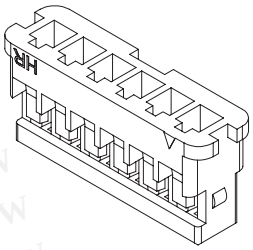
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

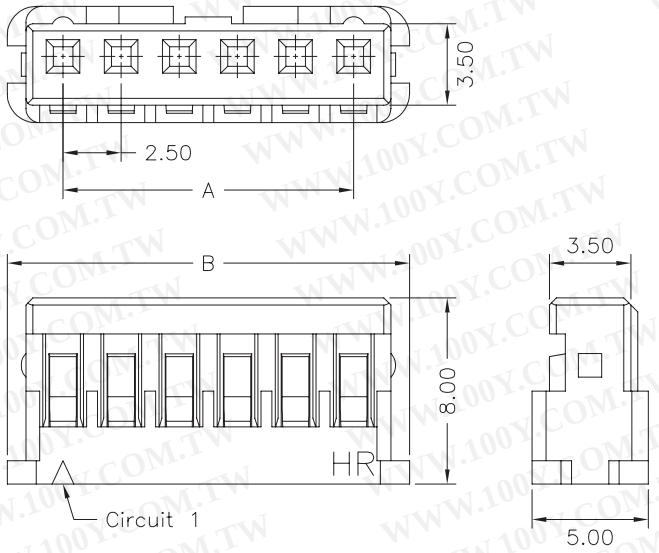
A2507H — 2.50mm pitch Housing

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A2502 series Terminal
*Mates with H.R A2507 series Wafer

A2507H-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2507H-02P	2.50	7.30
A2507H-03P	5.00	9.80
A2507H-04P	7.50	12.30
A2507H-05P	10.00	14.80
A2507H-06P	12.50	17.30
A2507H-07P	15.00	19.80
A2507H-08P	17.50	22.30
A2507H-09P	20.00	24.80
A2507H-10P	22.50	27.30
A2507H-11P	25.00	29.80
A2507H-12P	27.50	32.30
A2507H-13P	30.00	34.80
A2507H-14P	32.50	37.30
A2507H-15P	35.00	39.80

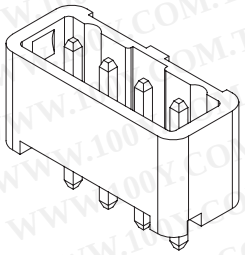
Unit:mm

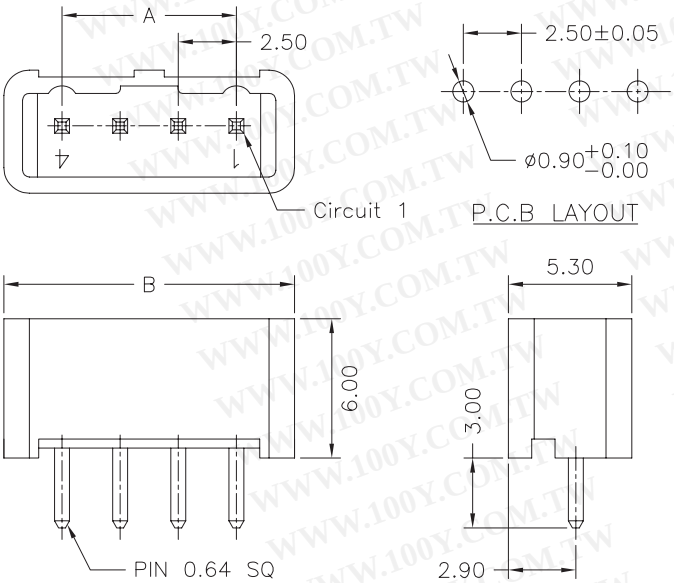
A2507WV — 2.50mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT,UL94V-0
*Mates with H.R A2507 series Housing

A2507WV-05P N P B T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2507WV-02P	2.50	7.50
A2507WV-03P	5.00	10.00
A2507WV-04P	7.50	12.50
A2507WV-05P	10.00	15.00
A2507WV-06P	12.50	17.50
A2507WV-07P	15.00	20.00
A2507WV-08P	17.50	22.50
A2507WV-09P	20.00	25.00
A2507WV-10P	22.50	27.50
A2507WV-11P	25.00	30.00
A2507WV-12P	27.50	32.50
A2507WV-13P	30.00	35.00
A2507WV-14P	32.50	37.50
A2507WV-15P	35.00	40.00

Unit:mm

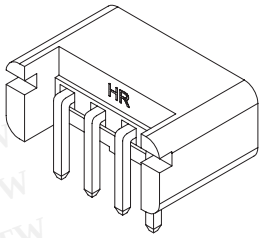
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

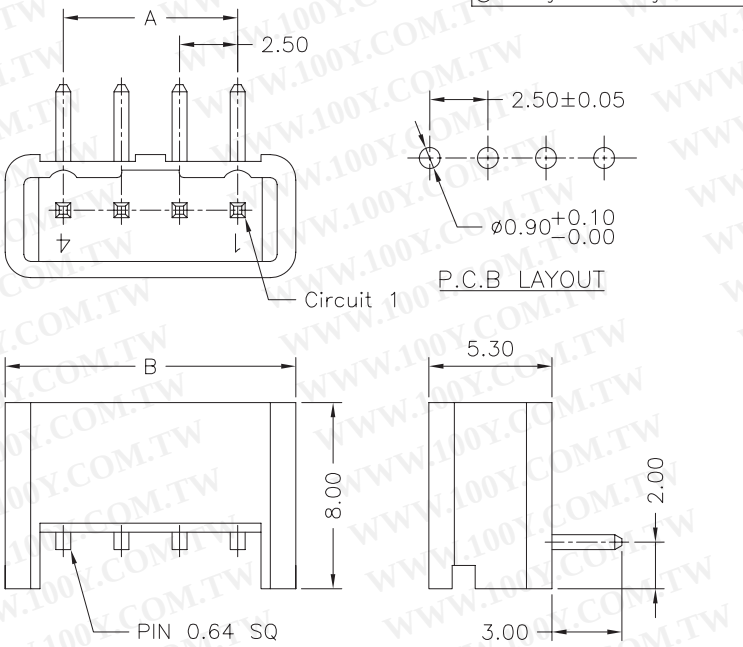
A2507WR 2.50mm pitch 90˚ Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT,UL94V-0
*Mates with H.R A2507 series Housing

A2507WR-05P N P B T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



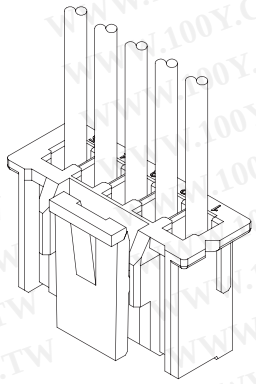


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2507WR-02P	2.50	7.50
A2507WR-03P	5.00	10.00
A2507WR-04P	7.50	12.50
A2507WR-05P	10.00	15.00
A2507WR-06P	12.50	17.50
A2507WR-07P	15.00	20.00
A2507WR-08P	17.50	22.50
A2507WR-09P	20.00	25.00
A2507WR-10P	22.50	27.50
A2507WR-11P	25.00	30.00
A2507WR-12P	27.50	32.50
A2507WR-13P	30.00	35.00
A2507WR-14P	32.50	37.50
A2507WR-15P	35.00	40.00

Unit:mm

WWW.100Y.COM.TW



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
A2508 – T P E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating

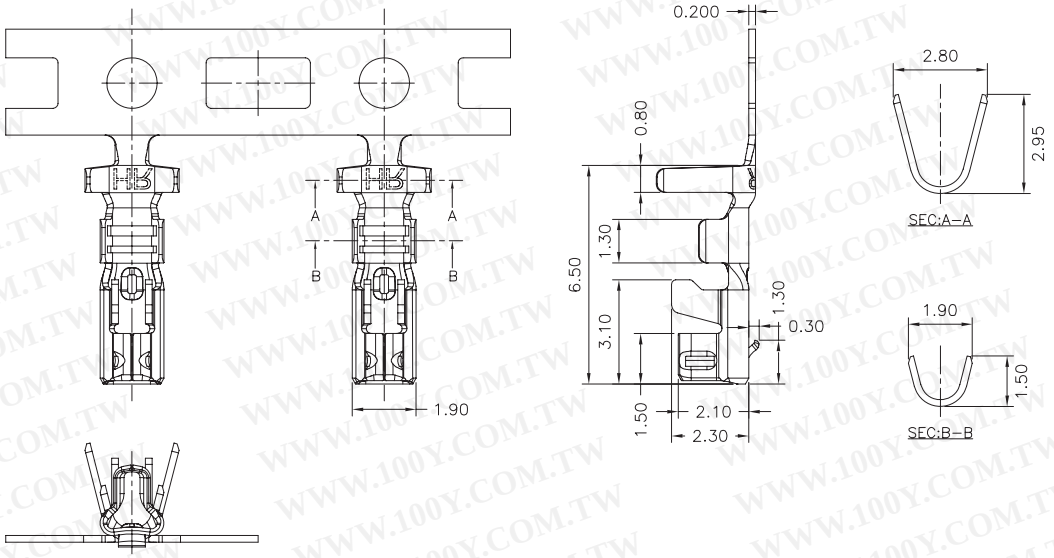
❶ ❷ ❸
A2508 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

A2508-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2508 series Housing

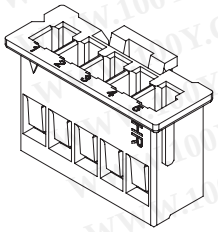


Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2508-TPE	AWG#20-#28	1.90mm(max)	Phosphor Bronze	Tin-plated	8,000pcs

Note:E-Stamping before Tin-plated

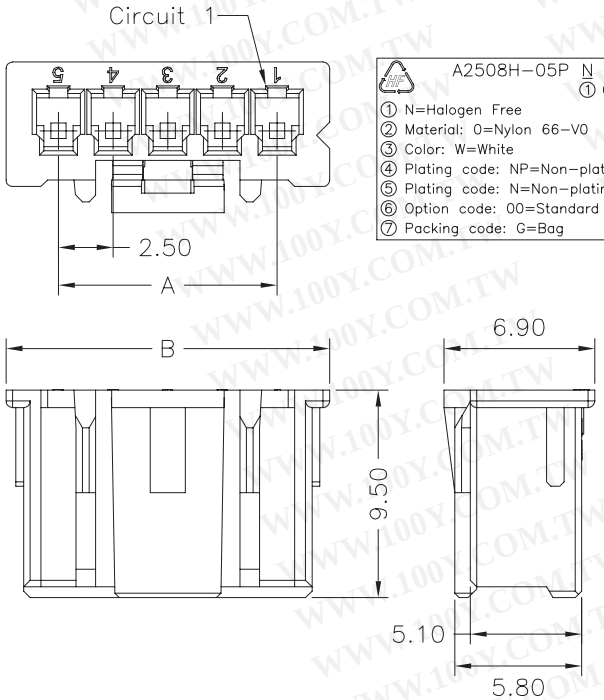
A2508H 2.50mm pitch Housing



Reference Informations:

*Material: Nylon 66,UL94V-0

*Suitable H.R A2508 series Terminal



A2508H-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

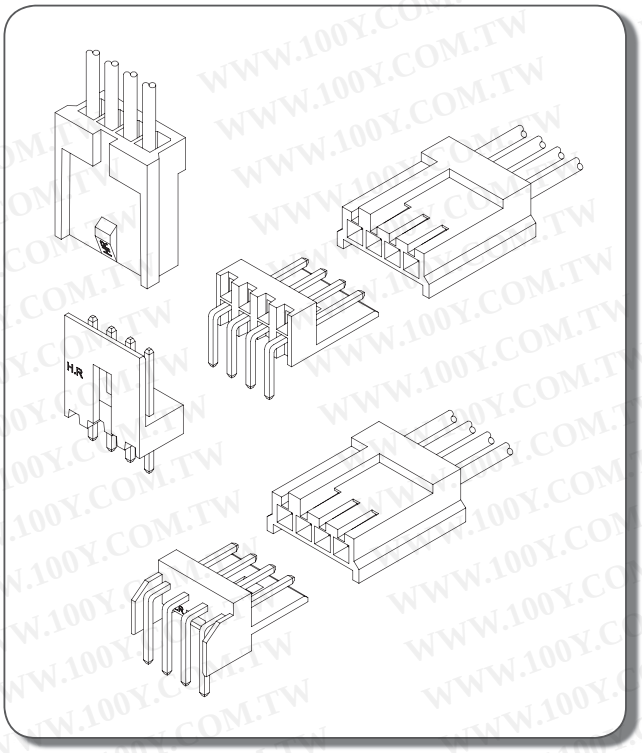
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2508H-02P	2.50	7.30
A2508H-03P	5.00	9.80
A2508H-04P	7.50	12.30
A2508H-05P	10.00	14.80
A2508H-06P	12.50	17.30
A2508H-07P	15.00	19.80
A2508H-08P	17.50	22.30
A2508H-09P	20.00	24.80
A2508H-10P	22.50	27.30
A2508H-11P	25.00	29.80
A2508H-12P	27.50	32.30
A2508H-13P	30.00	34.80
A2508H-14P	32.50	37.30
A2508H-15P	35.00	39.80
A2508H-20P	47.50	52.30

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



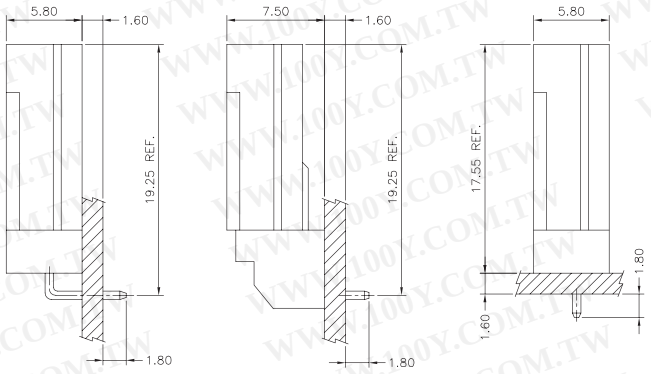
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A2540 – T B E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: B=Brass
❹ E=Stamping before plating

❶ ❷ ❸
A2540 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

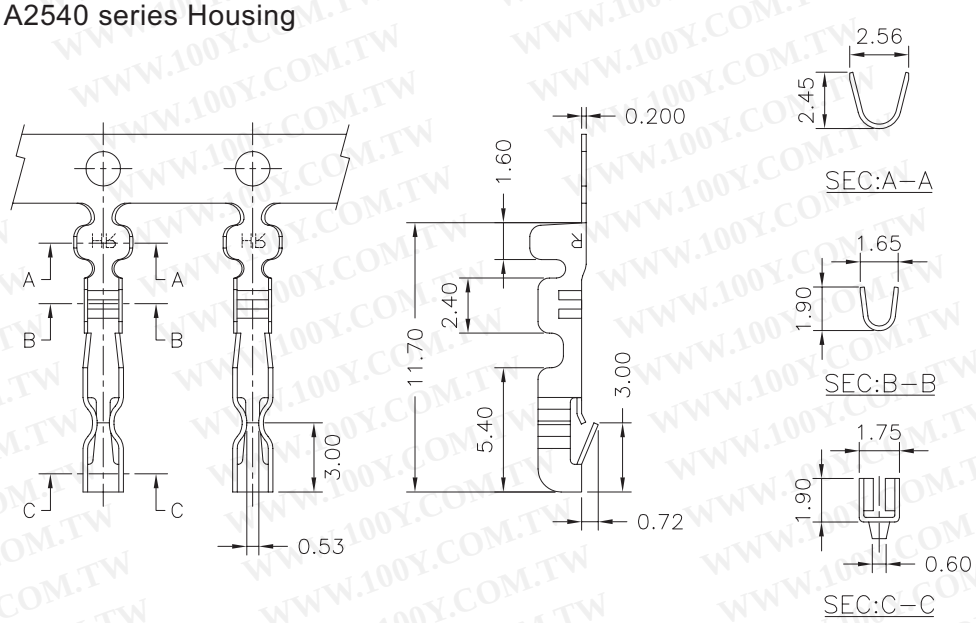
❶ ❷ ❸ ❹ ❺
A2540 WV A – 05P 46G

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=A Type
R=Right angle type
❹ No. of circuits
❺ Option code:
1=Type 1
2=Type 2
46G=Nylon 46, Gold-flash

A2540-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2540 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2540-TBE	AWG#20-#26	1.90mm(max)	Brass	Tin-plated	10,000pcs

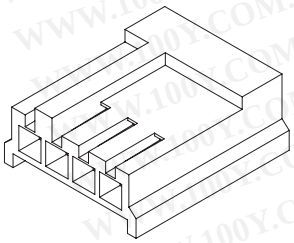
Note:E-Stamping before Tin-plated

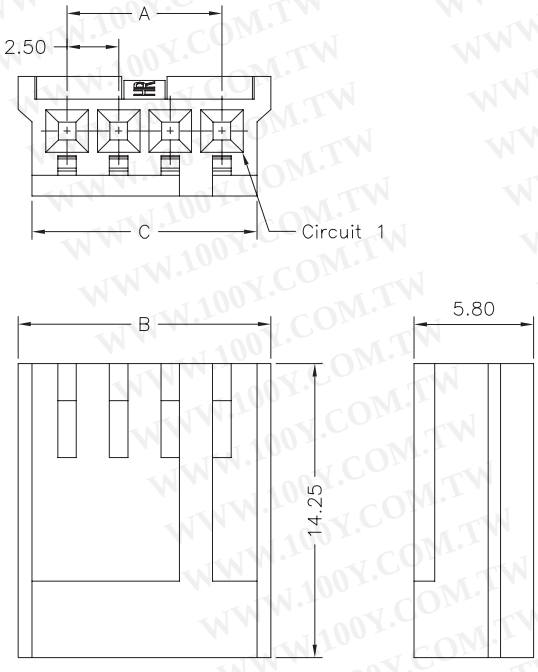
A2540H 2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2540 series Terminal
*Mates with H.R A2540 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2540H-02P	2.50	7.25	5.90
A2540H-03P	5.00	9.75	8.40
A2540H-04P	7.50	12.25	10.90
A2540H-05P	10.00	14.75	13.40
A2540H-06P	12.50	17.25	15.90
A2540H-07P	15.00	19.75	18.40
A2540H-08P	17.50	22.25	20.90
A2540H-09P	20.00	24.75	23.40
A2540H-10P	22.50	27.25	25.90
A2540H-11P	25.00	29.75	28.40
A2540H-12P	27.50	32.25	30.90
A2540H-13P	30.00	34.75	33.40
A2540H-14P	32.50	37.25	35.90
A2540H-15P	35.00	39.75	38.40

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

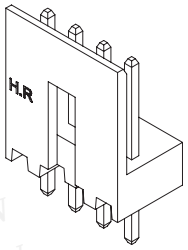
A2540WV

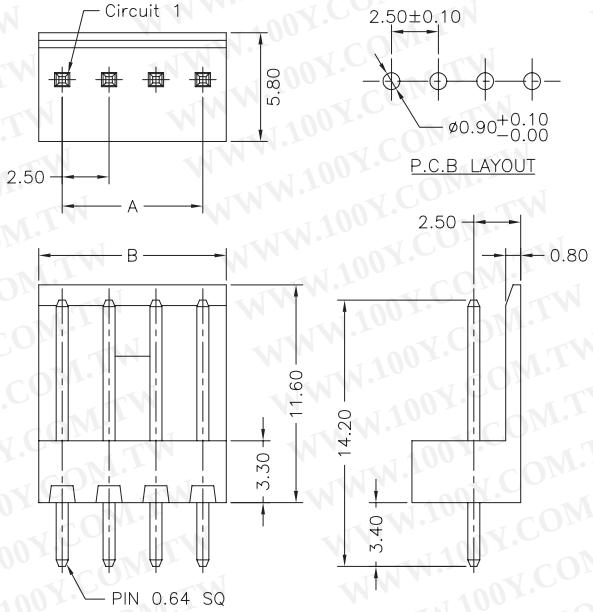
2.50mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2540 series Housing
*Nylon 46 is available

A2540WV-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2540WV-02P	2.50	5.00
A2540WV-03P	5.00	7.50
A2540WV-04P	7.50	10.00
A2540WV-05P	10.00	12.50
A2540WV-06P	12.50	15.00
A2540WV-07P	15.00	17.50
A2540WV-08P	17.50	20.00
A2540WV-09P	20.00	22.50
A2540WV-10P	22.50	25.00
A2540WV-11P	25.00	27.50
A2540WV-12P	27.50	30.00
A2540WV-13P	30.00	32.50
A2540WV-14P	32.50	35.00
A2540WV-15P	35.00	37.50

Unit:mm

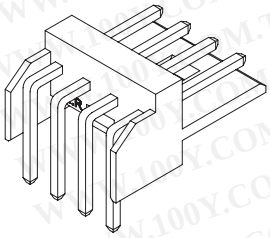
A2540WR

2.50mm pitch 90° Wafer

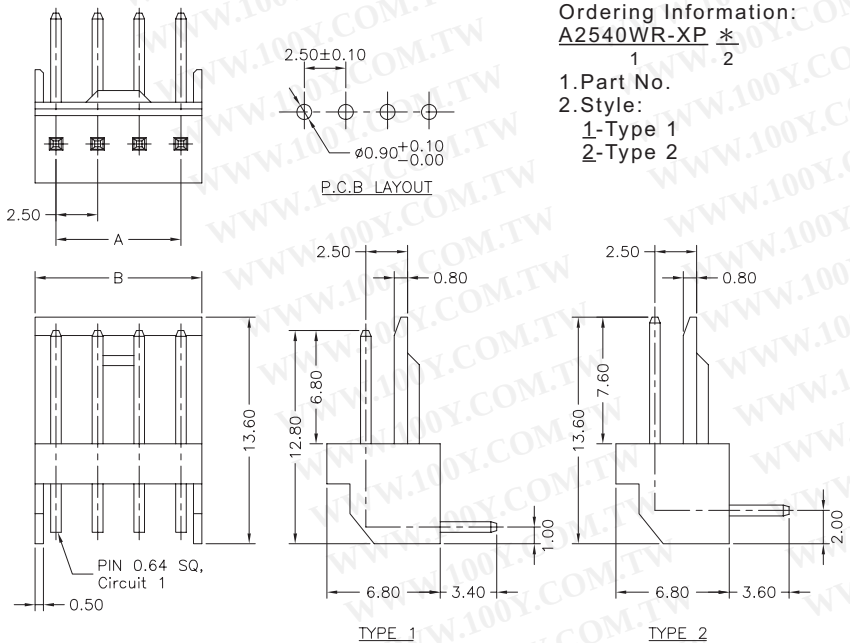
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2540 series Housing
*Nylon 46 is available

A2540WR-05P N 0 W T1 N 10 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 10=Type 1, 20=Type 2
⑦ Packing code: G=Bag



Ordering Information:
A2540WR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2540WR-02P	2.50	5.00
A2540WR-03P	5.00	7.50
A2540WR-04P	7.50	10.00
A2540WR-05P	10.00	12.50
A2540WR-06P	12.50	15.00
A2540WR-07P	15.00	17.50
A2540WR-08P	17.50	20.00
A2540WR-09P	20.00	22.50
A2540WR-10P	22.50	25.00
A2540WR-11P	25.00	27.50
A2540WR-12P	27.50	30.00
A2540WR-13P	30.00	32.50
A2540WR-14P	32.50	35.00
A2540WR-15P	35.00	37.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

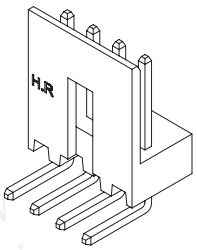
A2540WVR

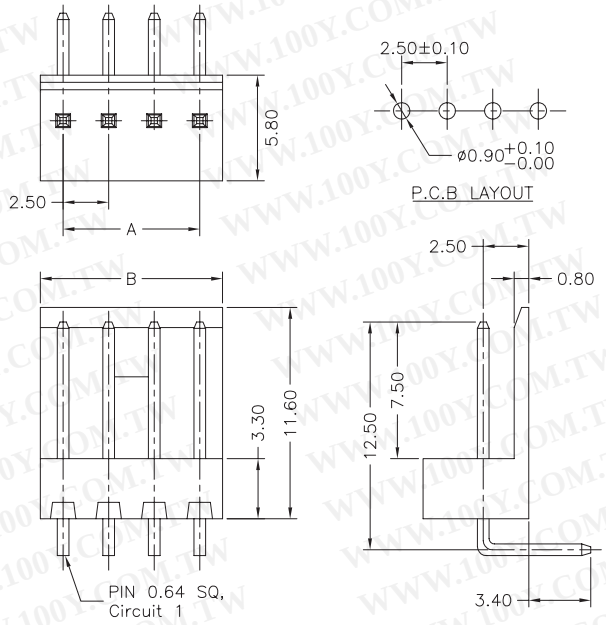
2.50mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2540 series Housing
*Nylon 46 is available

A2540WVR-05P N O W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2540WVR-02P	2.50	5.00
A2540WVR-03P	5.00	7.50
A2540WVR-04P	7.50	10.00
A2540WVR-05P	10.00	12.50
A2540WVR-06P	12.50	15.00
A2540WVR-07P	15.00	17.50
A2540WVR-08P	17.50	20.00
A2540WVR-09P	20.00	22.50
A2540WVR-10P	22.50	25.00
A2540WVR-11P	25.00	27.50
A2540WVR-12P	27.50	30.00
A2540WVR-13P	30.00	32.50
A2540WVR-14P	32.50	35.00
A2540WVR-15P	35.00	37.50

Unit:mm

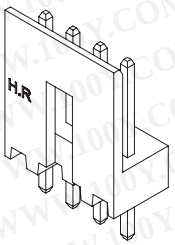
A2540WVA

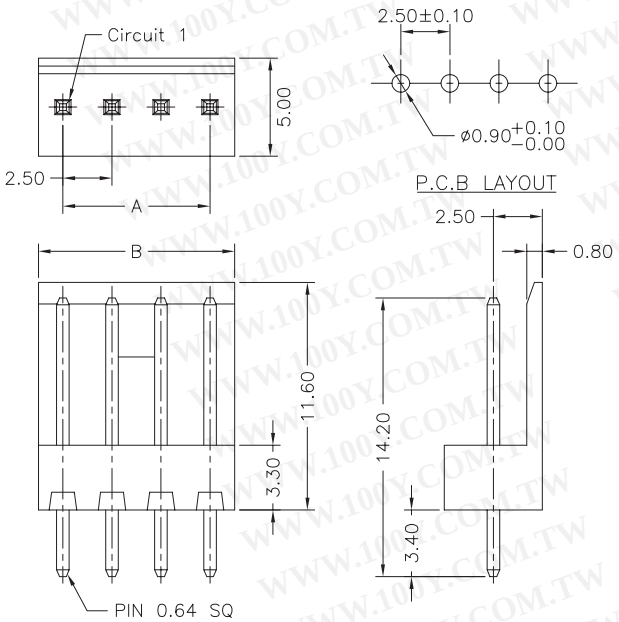
2.50mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2540 series Housing
*Nylon 46 is available

A2540WVA-05P N O W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



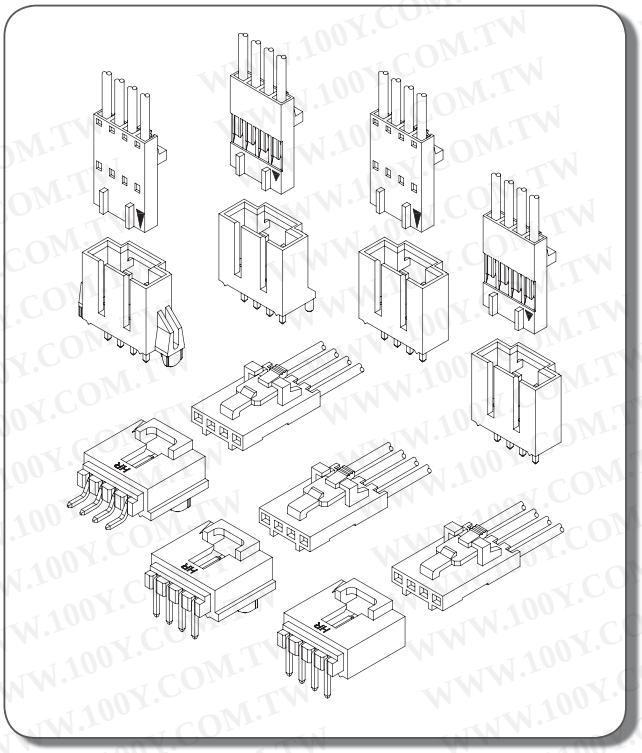


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2540WVA-02P	2.50	5.00
A2540WVA-03P	5.00	7.50
A2540WVA-04P	7.50	10.00
A2540WVA-05P	10.00	12.50
A2540WVA-06P	12.50	15.00
A2540WVA-07P	15.00	17.50
A2540WVA-08P	17.50	20.00
A2540WVA-09P	20.00	22.50
A2540WVA-10P	22.50	25.00
A2540WVA-11P	25.00	27.50
A2540WVA-12P	27.50	30.00
A2540WVA-13P	30.00	32.50
A2540WVA-14P	32.50	35.00
A2540WVA-15P	35.00	37.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



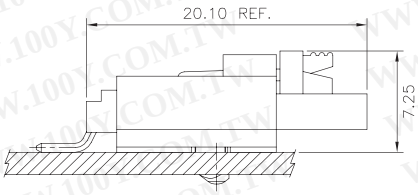
Specifications

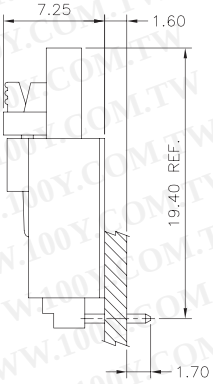
Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

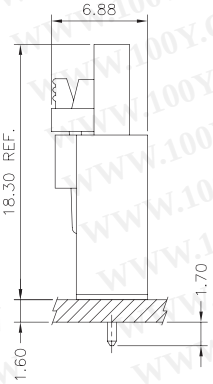
Standards

E179987 LR113464

Assembly layout







Ordering code

❶ ❷ ❸ ❹ ❺
A2541 – H B E -J

❶ Series No.
❷ Plating code: T=Tin-plated, H=Gold-flash on contact area
❸ Material: P=Phosphor bronze, B=Brass
❹ E=Stamping before plating
❺ Option code: (Refer to drawings)

❶ ❷ ❸ ❹ ❺
A2541 H -M – 05P -1

❶ Series No.
❷ H=Housing
❸ Blank=Normal type, -M=M type
❹ No. of circuits
❺ Option code: -1=Type 1; -2=Type 2

❶ ❷ ❸ ❹ ❺
A2541 WV -F1 – 05P 6T

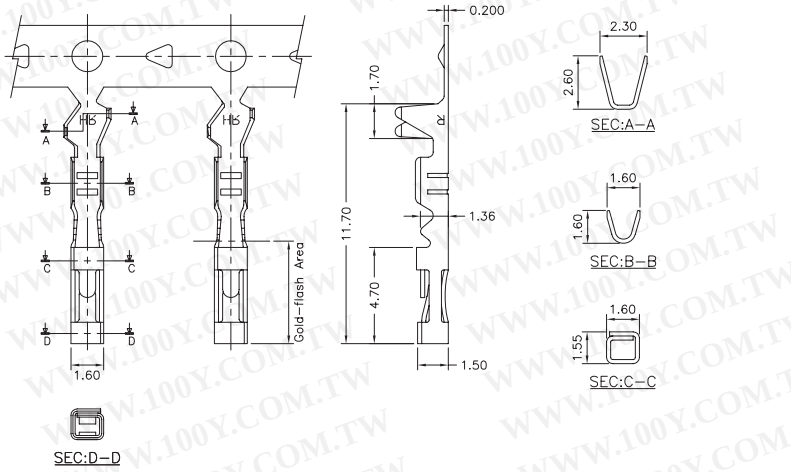
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: Blank=Through hole
-F=With peg
-F1=With boss
-F2=With short boss
-SF=SMT with peg
❹ No. of circuits
❺ Option code:
6T=Nylon 6T, Black(Through hole type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2541-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2541H series Housing or A2545,A2546 series Housing



Ordering Information & Specifications: Unit:mm

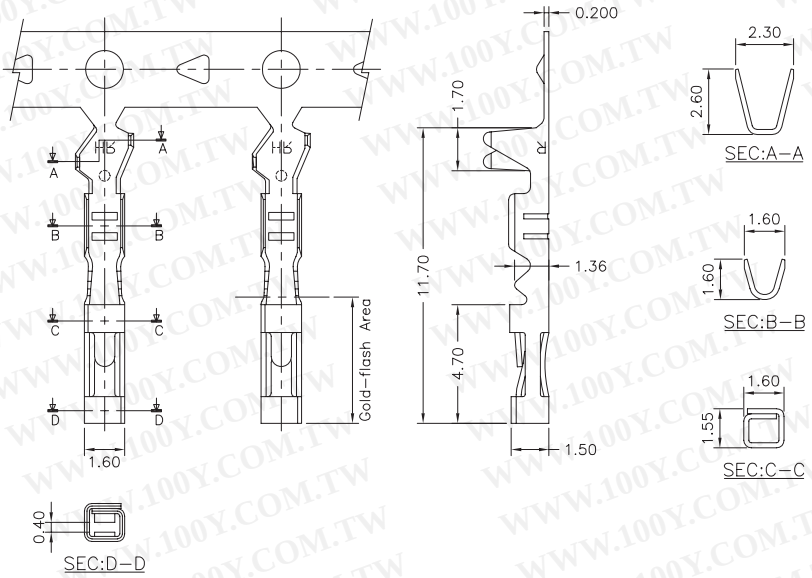
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2541-HPE	AWG#22-#26	1.63mm(max)	Phosphor Bronze	Gold-flash	10,000pcs
A2541-HBE	AWG#22-#26	1.63mm(max)	Brass	Gold-flash	
A2541-TPE	AWG#22-#26	1.63mm(max)	Phosphor Bronze	Tin-plated	
A2541-TBE	AWG#22-#26	1.63mm(max)	Brass	Tin-plated	

Note:E-Stamping before Tin-plated or Gold-flash

A2541-T 2.54mm pitch Crimp Terminal - High Insertion force

Reference Informations:

*Used in H.R A2541H series Housing or A2545,A2546 series Housing



Ordering Information & Specifications: Unit:mm

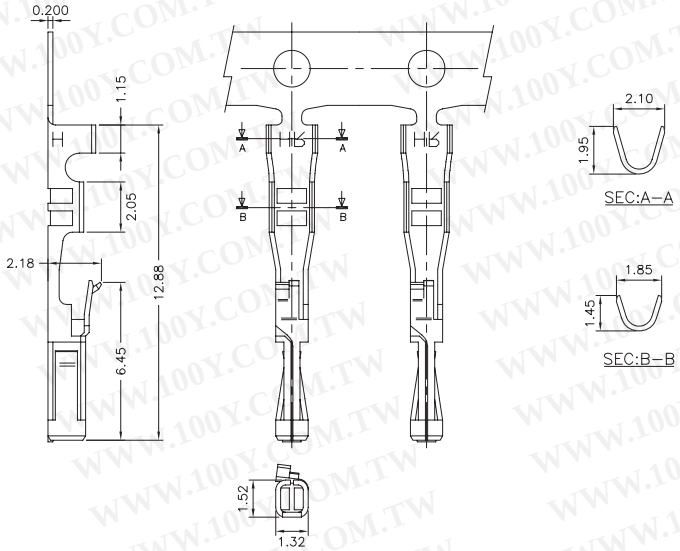
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2541-HBE-J	AWG#22-#26	1.63mm(max)	Brass	Gold-flash	10,000pcs

Note:E-Stamping before Gold-flash

A2541-T 2.54mm pitch Crimp Terminal - M TYPE

Reference Informations:

*Used in H.R A2541H-M series Housing



Ordering Information & Specifications: Unit:mm

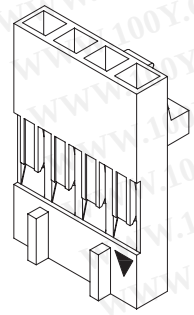
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2541-TPE-M	AWG#22-#26	1.63mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2541-TBE-M	AWG#22-#26	1.63mm(max)	Brass	Tin-plated	

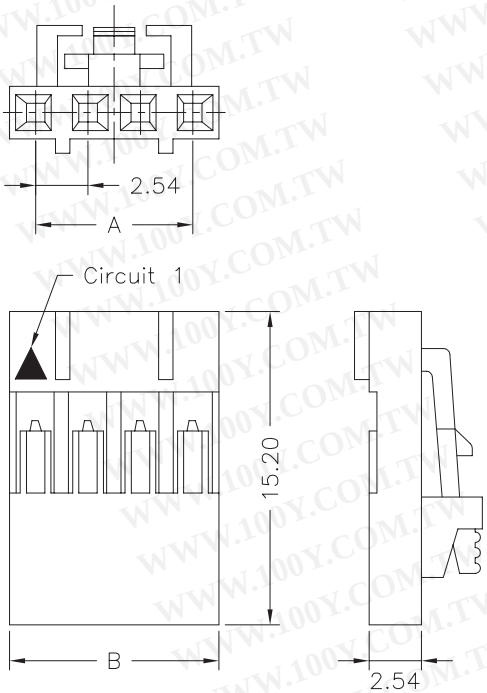
Note:E-Stamping before Tin-plated

A2541H 2.54mm pitch Housing With Lock

Reference Informations:

*Material: PBT30%GF,UL94V-0
*Suitable H.R A2541 series Terminal
*Mates with H.R A2541 series Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541H-02P	2.54	5.08
A2541H-03P	5.08	7.62
A2541H-04P	7.62	10.16
A2541H-05P	10.16	12.70
A2541H-06P	12.70	15.24
A2541H-07P	15.24	17.78
A2541H-08P	17.78	20.32
A2541H-09P	20.32	22.86
A2541H-10P	22.86	25.40
A2541H-11P	25.40	27.94
A2541H-12P	27.94	30.48

Unit:mm

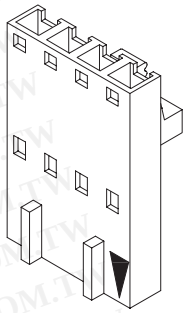
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

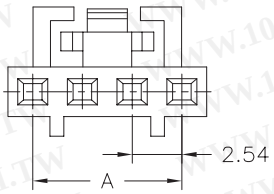
A2541H-M

2.54mm pitch Housing With Lock - M TYPE

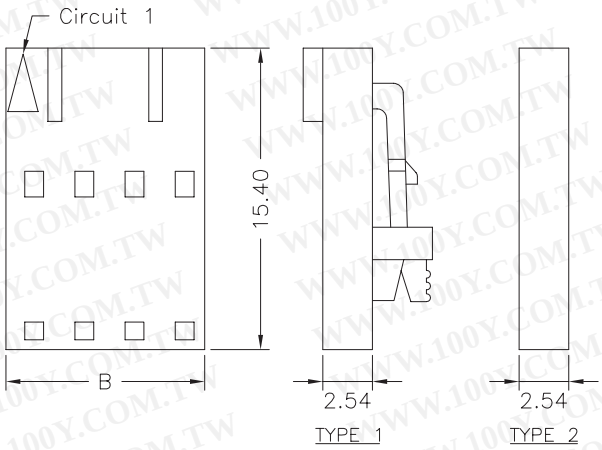
Reference Informations:

*Material: PBT30%GF,UL94V-0
*Suitable H.R A2541 series Terminal - M TYPE
*Mates with H.R A2541 series Wafer





Ordering Information:
A2541H-M-XP-＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541H-M-02P	2.54	5.08
A2541H-M-03P	5.08	7.62
A2541H-M-04P	7.62	10.16
A2541H-M-05P	10.16	12.70
A2541H-M-06P	12.70	15.24
A2541H-M-07P	15.24	17.78
A2541H-M-08P	17.78	20.32
A2541H-M-09P	20.32	22.86
A2541H-M-10P	22.86	25.40
A2541H-M-11P	25.40	27.94
A2541H-M-12P	27.94	30.48

Unit:mm

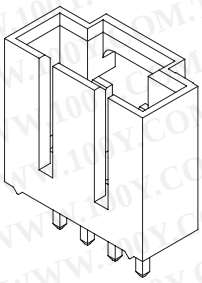
A2541WV

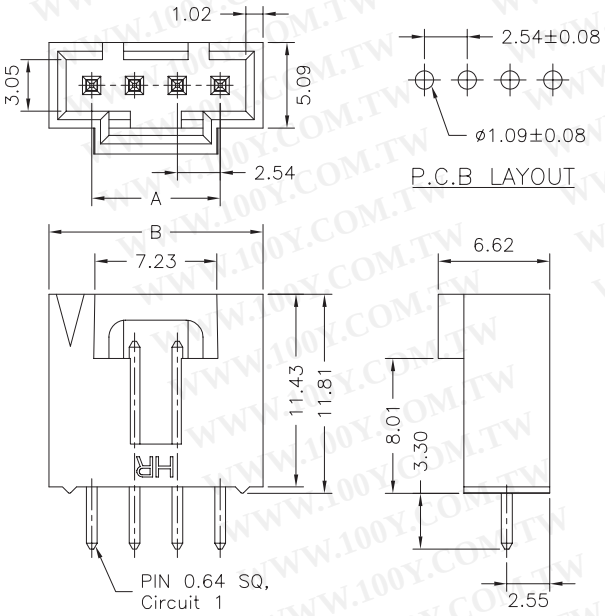
2.54mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing
*Nylon 6T is available

A2541WV-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541WV-02P	2.54	7.63
A2541WV-03P	5.08	10.17
A2541WV-04P	7.62	12.71
A2541WV-05P	10.16	15.25
A2541WV-06P	12.70	17.79
A2541WV-07P	15.24	20.33
A2541WV-08P	17.78	22.87
A2541WV-09P	20.32	25.41
A2541WV-10P	22.86	27.95
A2541WV-11P	25.40	30.49
A2541WV-12P	27.94	33.03

Unit:mm

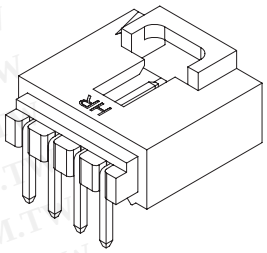
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

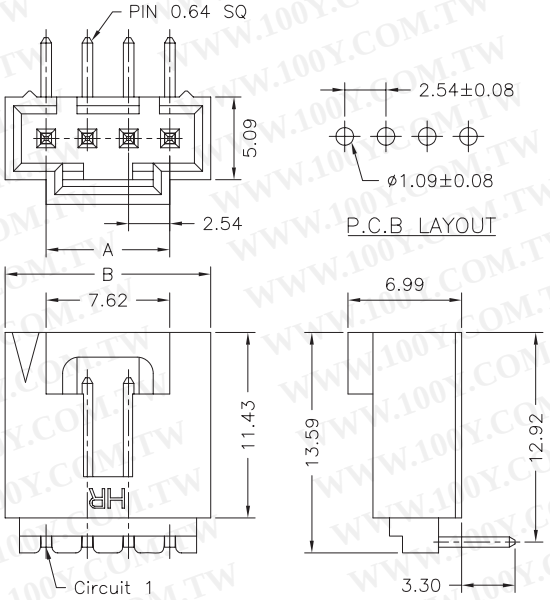
A2541WR 2.54mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing
*Nylon 6T is available

A2541WR-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541WR-02P	2.54	7.59
A2541WR-03P	5.08	10.13
A2541WR-04P	7.62	12.67
A2541WR-05P	10.16	15.21
A2541WR-06P	12.70	17.75
A2541WR-07P	15.24	20.29
A2541WR-08P	17.78	22.83
A2541WR-09P	20.32	25.37
A2541WR-10P	22.86	27.91
A2541WR-11P	25.40	30.45
A2541WR-12P	27.94	32.99

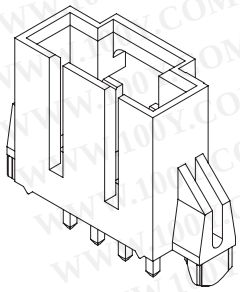
Unit:mm

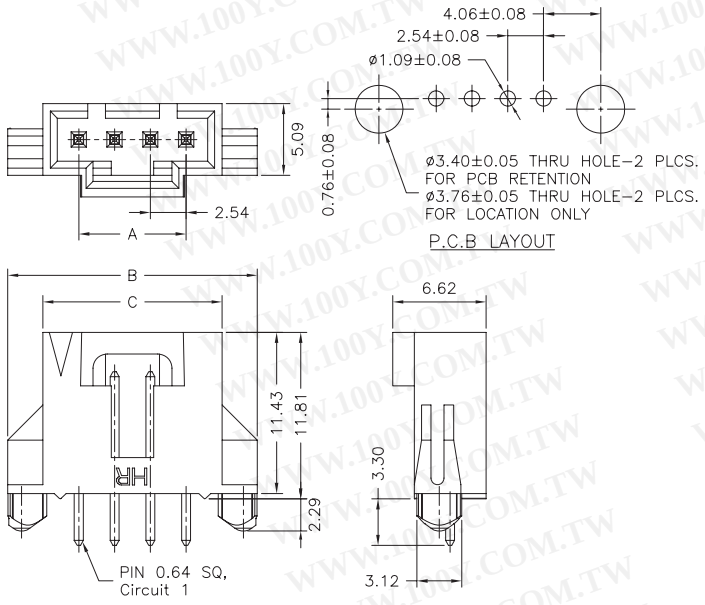
A2541WV-F 2.54mm pitch 180° Wafer With Peg

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing
*Nylon 6T is available

A2541WV-F-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A2541WV-F-02P	2.54	12.63	7.63
A2541WV-F-03P	5.08	15.17	10.17
A2541WV-F-04P	7.62	17.71	12.71
A2541WV-F-05P	10.16	20.25	15.25
A2541WV-F-06P	12.70	22.79	17.79
A2541WV-F-07P	15.24	25.33	20.33
A2541WV-F-08P	17.78	27.87	22.87
A2541WV-F-09P	20.32	30.41	25.41
A2541WV-F-10P	22.86	32.95	27.95
A2541WV-F-11P	25.40	35.49	30.49
A2541WV-F-12P	27.94	38.03	33.03

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

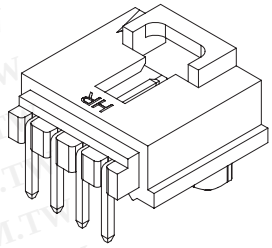
A2541WR-F

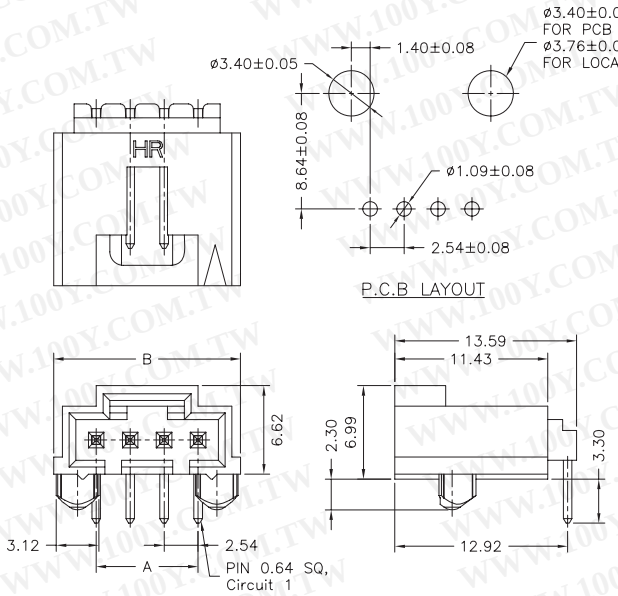
2.54mm pitch 90° Wafer With Peg

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing
*Nylon 6T is available

A2541WR-F-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541WR-F-02P	2.54	8.89
A2541WR-F-03P	5.08	11.43
A2541WR-F-04P	7.62	13.97
A2541WR-F-05P	10.16	16.51
A2541WR-F-06P	12.70	19.05
A2541WR-F-07P	15.24	21.59
A2541WR-F-08P	17.78	24.13
A2541WR-F-09P	20.32	26.67
A2541WR-F-10P	22.86	29.21
A2541WR-F-11P	25.40	31.75
A2541WR-F-12P	27.94	34.29

Unit:mm

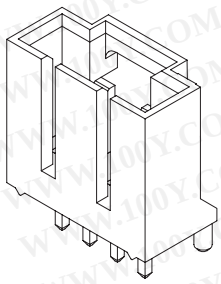
A2541WV-F1

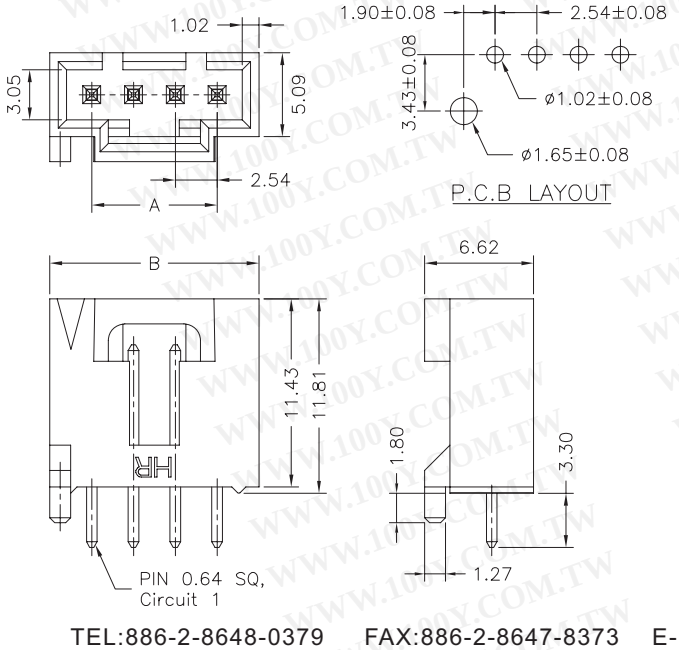
2.54mm pitch 180° Wafer With Boss

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing
*Nylon 6T is available

A2541WV-F1-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541WV-F1-03P	5.08	10.17
A2541WV-F1-04P	7.62	12.71
A2541WV-F1-05P	10.16	15.25
A2541WV-F1-06P	12.70	17.79
A2541WV-F1-07P	15.24	20.33
A2541WV-F1-08P	17.78	22.87
A2541WV-F1-09P	20.32	25.41
A2541WV-F1-10P	22.86	27.95
A2541WV-F1-11P	25.40	30.49
A2541WV-F1-12P	27.94	33.03

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

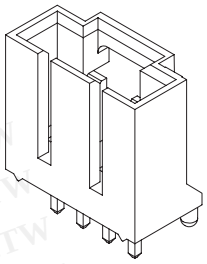
A2541WV-F2

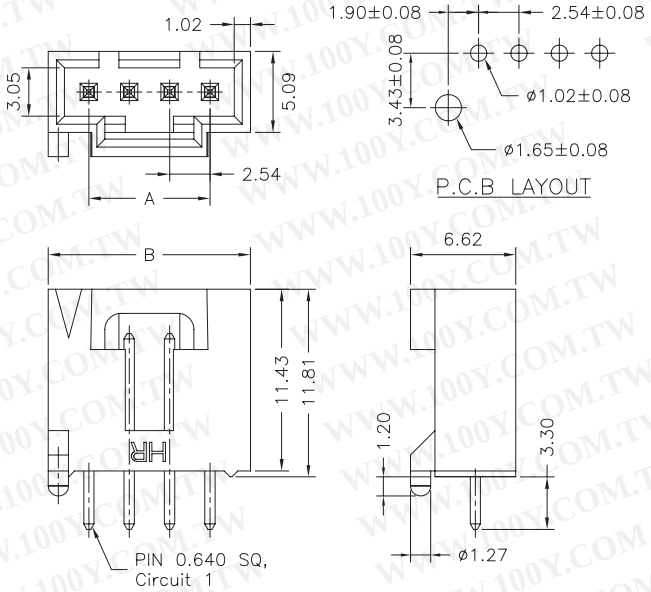
2.54mm pitch 180° Wafer With Boss

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing
*Nylon 6T is available

A2541WV-F2-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541WV-F2-03P	5.08	10.17
A2541WV-F2-04P	7.62	12.71
A2541WV-F2-05P	10.16	15.25
A2541WV-F2-06P	12.70	17.79
A2541WV-F2-07P	15.24	20.33
A2541WV-F2-08P	17.78	22.87
A2541WV-F2-09P	20.32	25.41
A2541WV-F2-10P	22.86	27.95
A2541WV-F2-11P	25.40	30.49
A2541WV-F2-12P	27.94	33.03

Unit:mm

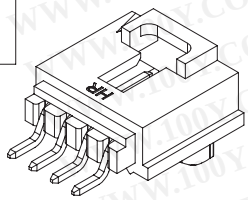
A2541WR-SF

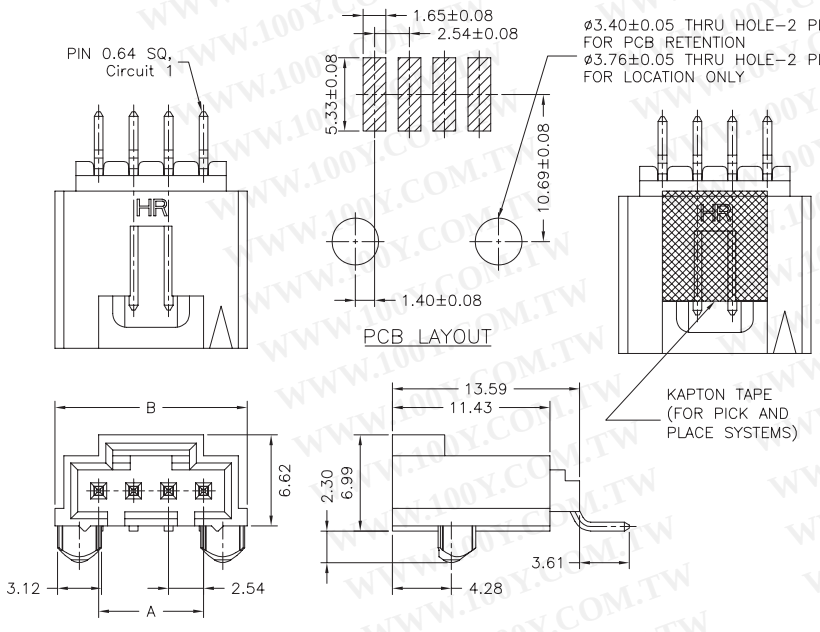
2.54mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2541 series Housing or F2544H series Housing

A2541WR-SF-05P N 6 B G1 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)



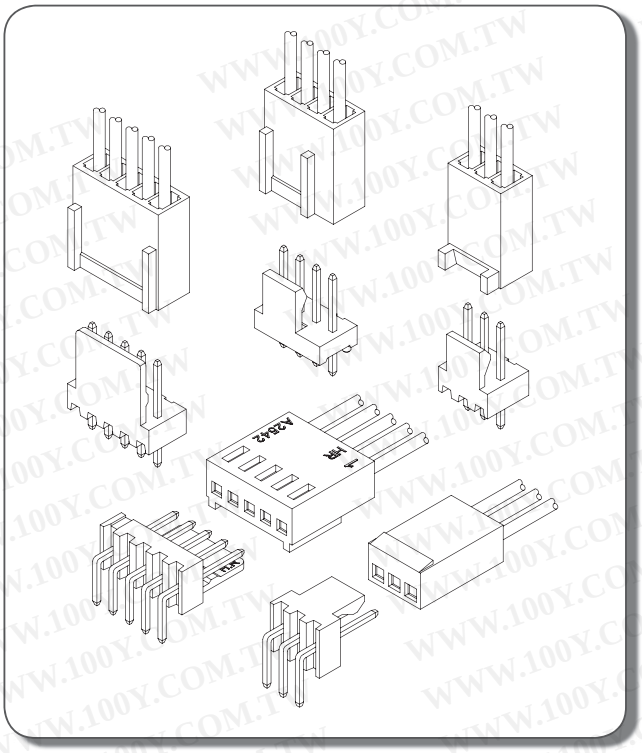


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2541WR-SF-02P	2.54	8.89
A2541WR-SF-03P	5.08	11.43
A2541WR-SF-04P	7.62	13.97
A2541WR-SF-05P	10.16	16.51
A2541WR-SF-06P	12.70	19.05
A2541WR-SF-07P	15.24	21.59
A2541WR-SF-08P	17.78	24.13
A2541WR-SF-09P	20.32	26.67
A2541WR-SF-10P	22.86	29.21
A2541WR-SF-11P	25.40	31.75
A2541WR-SF-12P	27.94	34.29

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



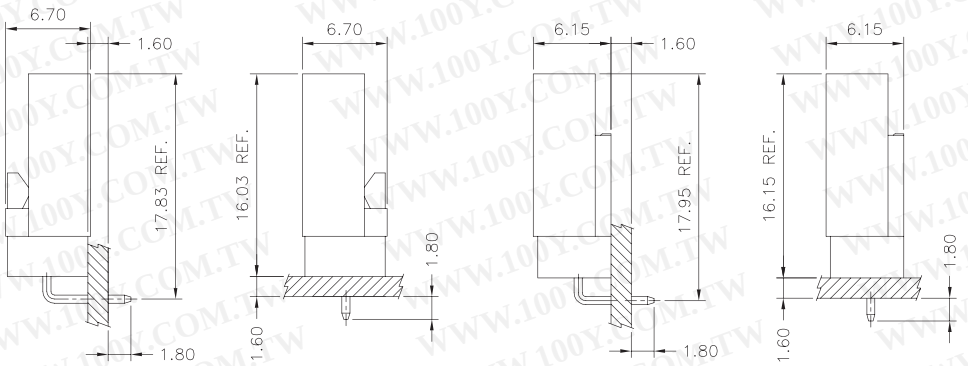
Specifications

Current rating: 4A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A2542 – T P E -H

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: P=Phosphor bronze, B=Brass
❹ E=Stamping before plating
❺ Option code:
-H=For AWG#20-#28 wire

❶ ❷ ❸ ❹ ❺
A2542 H A – 05P -1

❶ Series No.
❷ H=Housing
❸ Blank=Normal type, A=A type, ...
❹ No. of circuits
❺ Option code: -1=Type 1; -2=Type 2

❶ ❷ ❸ ❹ ❺ ❻
A2542 WV C -F1 – 04P 46G

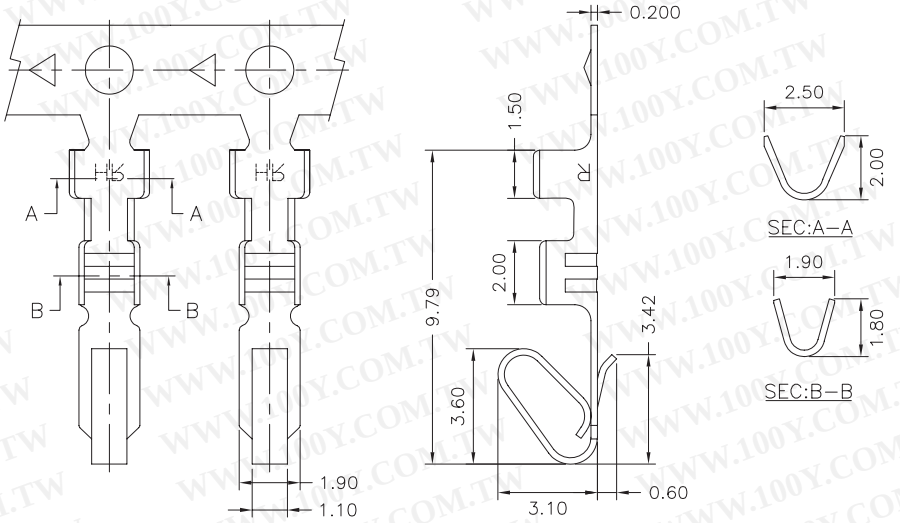
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type, A=A type, ...
❹ Mounting type: Blank=Through hole
-F, -F1, -F2, ...=With boss
❺ No. of circuits
❻ Option code:
1=Type 1; 2=Type 2
A=Type A; B=Type B
46=Nylon 46, Tin-plated
46G=Nylon 46, Gold-flash

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2542-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2542 series Housing



Ordering Information & Specifications: Unit:mm

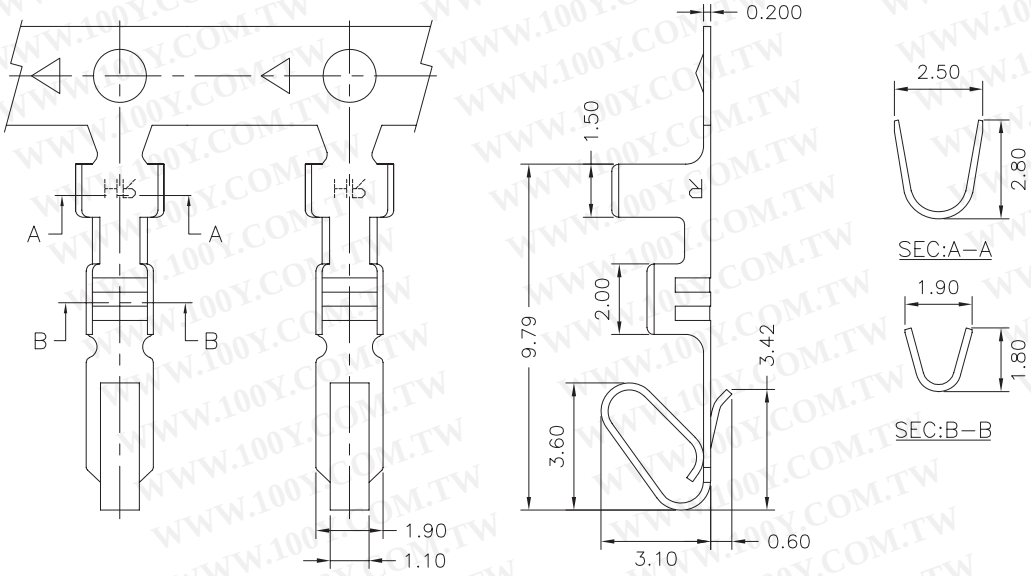
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2542-TBE	AWG#24-#30	1.57mm(max)	Brass	Tin-plated	10,000pcs
A2542-GBE	AWG#24-#30	1.57mm(max)	Brass	Gold-flash	
A2542-TPE	AWG#24-#30	1.57mm(max)	Phosphor Bronze	Tin-plated	

Note:E-Stamping before Tin-plated or Gold-flash

A2542-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2542 series Housing



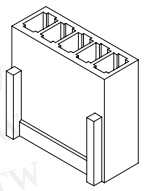
Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2542-TPE-H	AWG#20-#28	2.00mm(max)	Phosphor Bronze	Tin-plated	8,000pcs

Note:E-Stamping before Tin-plated

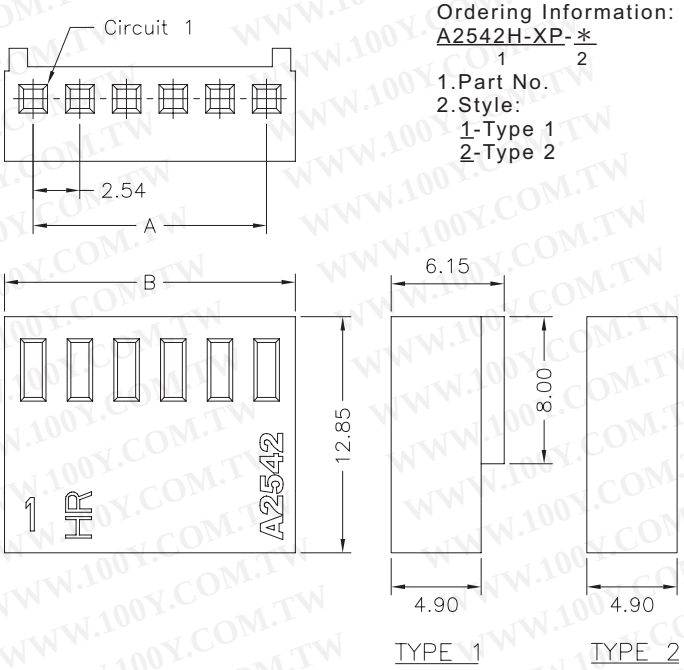
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2542H — 2.54mm pitch Housing



Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A2542 series Terminal
*Mates with H.R A2542 series Wafer



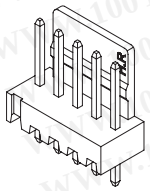
Ordering Information:
A2542H-XP-*
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2542H-02P	2.54	5.68
A2542H-03P	5.08	8.22
A2542H-04P	7.62	10.76
A2542H-05P	10.16	13.30
A2542H-06P	12.70	15.84
A2542H-07P	15.24	18.38
A2542H-08P	17.78	20.92
A2542H-09P	20.32	23.46
A2542H-10P	22.86	26.00
A2542H-11P	25.40	28.54
A2542H-12P	27.94	31.08
A2542H-13P	30.48	33.62
A2542H-14P	33.02	36.16
A2542H-15P	35.56	38.70
A2542H-16P	38.10	41.24
A2542H-17P	40.64	43.78
A2542H-18P	43.18	46.32
A2542H-19P	45.72	48.86
A2542H-20P	48.26	51.40

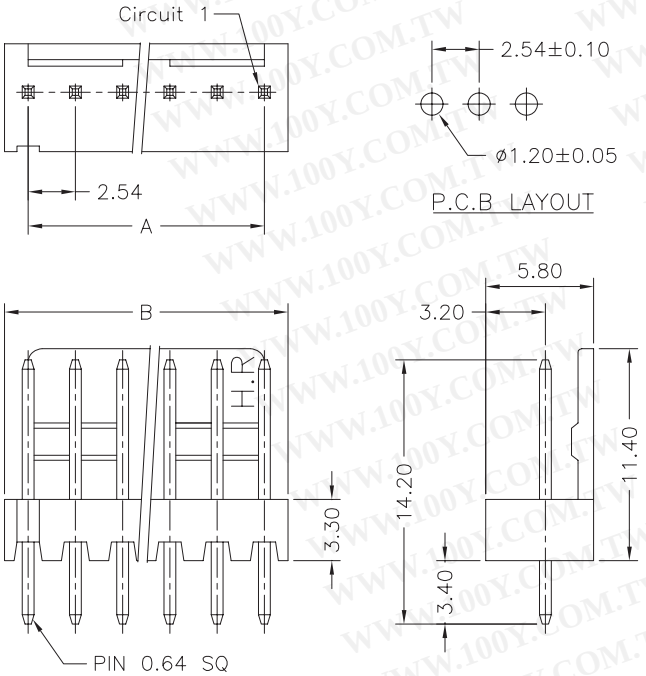
Unit:mm

A2542WV — 2.54mm pitch 180° Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2542 series Housing



Ordering Information & Dimensions:

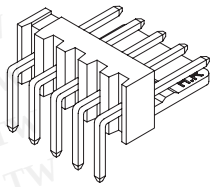
PART NO.	Dimensions	
	A	B
A2542WV-02P	2.54	5.08
A2542WV-03P	5.08	7.62
A2542WV-04P	7.62	10.16
A2542WV-05P	10.16	12.70
A2542WV-06P	12.70	15.24
A2542WV-07P	15.24	17.78
A2542WV-08P	17.78	20.32
A2542WV-09P	20.32	22.86
A2542WV-10P	22.86	25.40
A2542WV-11P	25.40	27.94
A2542WV-12P	27.94	30.48
A2542WV-13P	30.48	33.02
A2542WV-14P	33.02	35.56
A2542WV-15P	35.56	38.10
A2542WV-16P	38.10	40.64
A2542WV-17P	40.64	43.18
A2542WV-18P	43.18	45.72
A2542WV-19P	45.72	48.26
A2542WV-20P	48.26	50.80

Unit:mm

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A2542WR

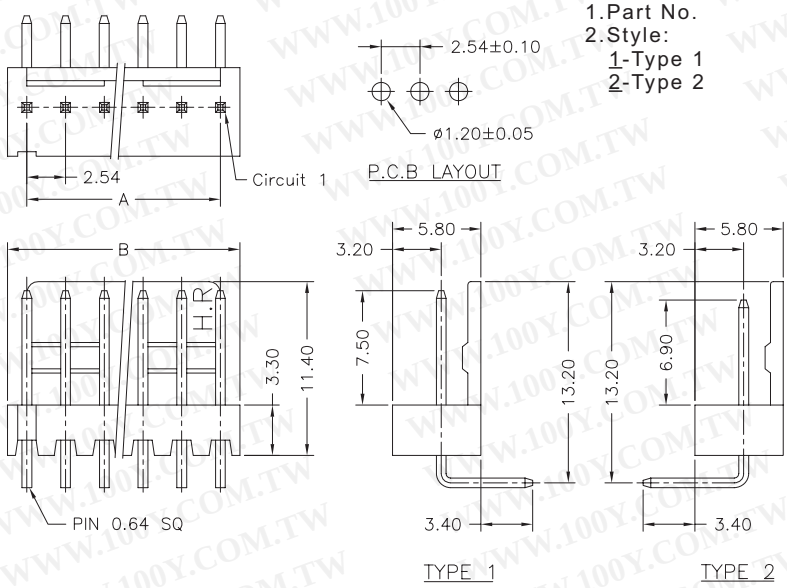
2.54mm pitch 90° Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2542 series Housing

Ordering Information:
A2542WR-XP ＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2



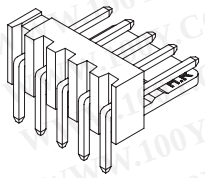
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2542WR-02P	2.54	5.08
A2542WR-03P	5.08	7.62
A2542WR-04P	7.62	10.16
A2542WR-05P	10.16	12.70
A2542WR-06P	12.70	15.24
A2542WR-07P	15.24	17.78
A2542WR-08P	17.78	20.32
A2542WR-09P	20.32	22.86
A2542WR-10P	22.86	25.40
A2542WR-11P	25.40	27.94
A2542WR-12P	27.94	30.48
A2542WR-13P	30.48	33.02
A2542WR-14P	33.02	35.56
A2542WR-15P	35.56	38.10
A2542WR-16P	38.10	40.64
A2542WR-17P	40.64	43.18
A2542WR-18P	43.18	45.72
A2542WR-19P	45.72	48.26
A2542WR-20P	48.26	50.80

Unit:mm

A2542WR

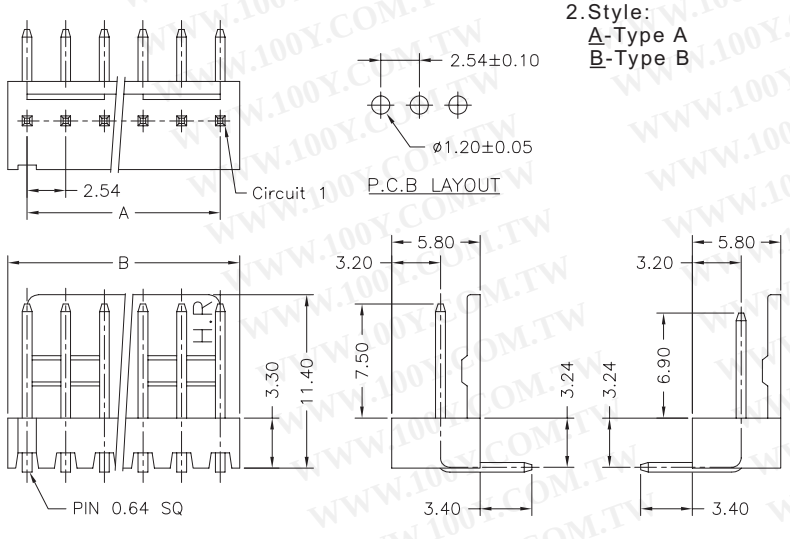
2.54mm pitch 90° Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2542 series Housing

Ordering Information:
A2542WR-XP ＊
1 2
1.Part No.
2.Style:
A-Type A
B-Type B



Ordering Information & Dimensions:

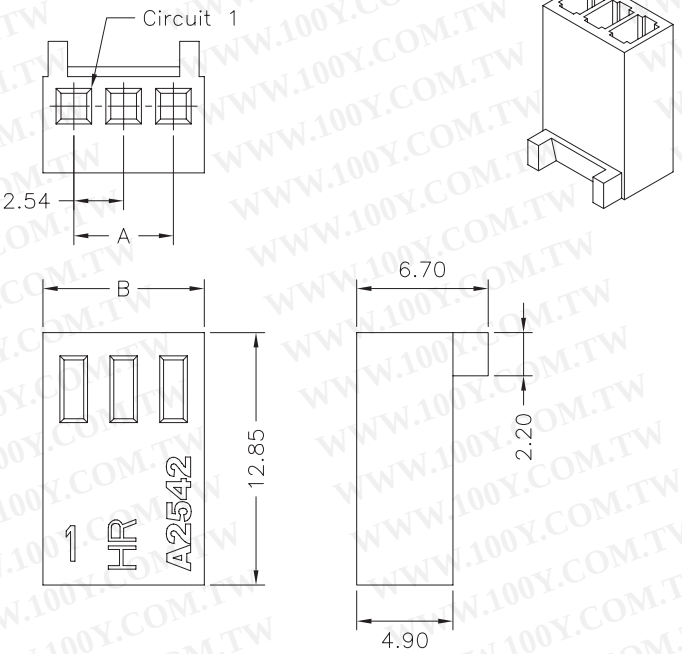
PART NO.	Dimensions	
	A	B
A2542WR-02P	2.54	5.08
A2542WR-03P	5.08	7.62
A2542WR-04P	7.62	10.16
A2542WR-05P	10.16	12.70
A2542WR-06P	12.70	15.24
A2542WR-07P	15.24	17.78
A2542WR-08P	17.78	20.32
A2542WR-09P	20.32	22.86
A2542WR-10P	22.86	25.40
A2542WR-11P	25.40	27.94
A2542WR-12P	27.94	30.48
A2542WR-13P	30.48	33.02
A2542WR-14P	33.02	35.56
A2542WR-15P	35.56	38.10
A2542WR-16P	38.10	40.64
A2542WR-17P	40.64	43.18
A2542WR-18P	43.18	45.72
A2542WR-19P	45.72	48.26
A2542WR-20P	48.26	50.80

Unit:mm

A2542HA — 2.54mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A2542 series Terminal
*Mates with H.R A2542 series Wafer



Ordering Information & Dimensions:

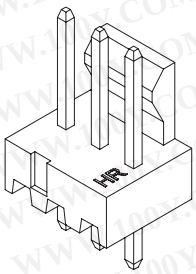
PART NO.	Dimensions	
	A	B
A2542HA-02P	2.54	5.68
A2542HA-03P	5.08	8.22
A2542HA-04P	7.62	10.76
A2542HA-05P	10.16	13.30
A2542HA-06P	12.70	15.84
A2542HA-07P	15.24	18.38
A2542HA-08P	17.78	20.92
A2542HA-09P	20.32	23.46
A2542HA-10P	22.86	26.00
A2542HA-11P	25.40	28.54
A2542HA-12P	27.94	31.08
A2542HA-13P	30.48	33.62
A2542HA-14P	33.02	36.16
A2542HA-15P	35.56	38.70
A2542HA-16P	38.10	41.24
A2542HA-17P	40.64	43.78
A2542HA-18P	43.18	46.32
A2542HA-19P	45.72	48.86
A2542HA-20P	48.26	51.40

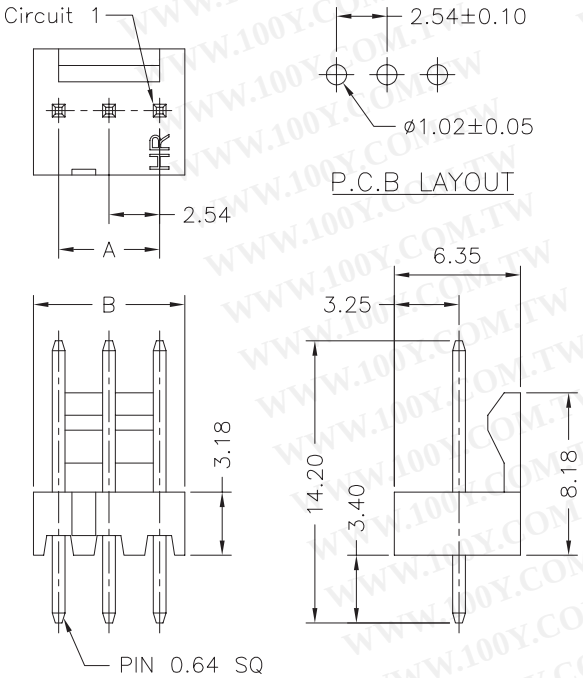
Unit:mm

A2542WVA — 2.54mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2542 series Housing





Ordering Information & Dimensions:

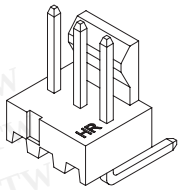
PART NO.	Dimensions	
	A	B
A2542WVA-02P	2.54	5.08
A2542WVA-03P	5.08	7.62
A2542WVA-04P	7.62	10.16
A2542WVA-05P	10.16	12.70
A2542WVA-06P	12.70	15.24
A2542WVA-07P	15.24	17.78
A2542WVA-08P	17.78	20.32
A2542WVA-09P	20.32	22.86
A2542WVA-10P	22.86	25.40
A2542WVA-11P	25.40	27.94
A2542WVA-12P	27.94	30.48
A2542WVA-13P	30.48	33.02
A2542WVA-14P	33.02	35.56
A2542WVA-15P	35.56	38.10
A2542WVA-16P	38.10	40.64
A2542WVA-17P	40.64	43.18
A2542WVA-18P	43.18	45.72
A2542WVA-19P	45.72	48.26
A2542WVA-20P	48.26	50.80

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

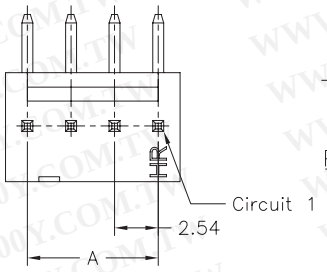
A2542WRA

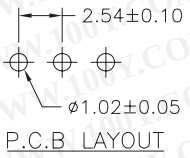
2.54mm pitch 90° Wafer



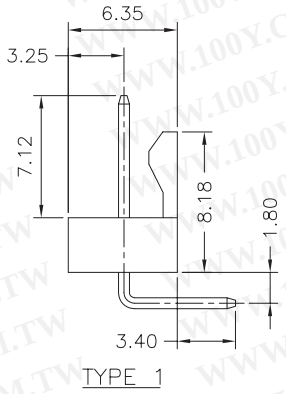
Reference Informations:

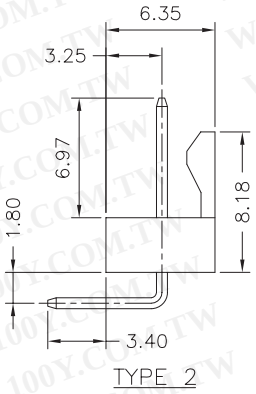
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A2542 series Housing





Ordering Information:
A2542WRA-XP *
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2542WRA-02P	2.54	5.08
A2542WRA-03P	5.08	7.62
A2542WRA-04P	7.62	10.16
A2542WRA-05P	10.16	12.70
A2542WRA-06P	12.70	15.24
A2542WRA-07P	15.24	17.78
A2542WRA-08P	17.78	20.32
A2542WRA-09P	20.32	22.86
A2542WRA-10P	22.86	25.40
A2542WRA-11P	25.40	27.94
A2542WRA-12P	27.94	30.48
A2542WRA-13P	30.48	33.02
A2542WRA-14P	33.02	35.56
A2542WRA-15P	35.56	38.10
A2542WRA-16P	38.10	40.64
A2542WRA-17P	40.64	43.18
A2542WRA-18P	43.18	45.72
A2542WRA-19P	45.72	48.26
A2542WRA-20P	48.26	50.80

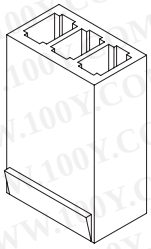
Unit:mm

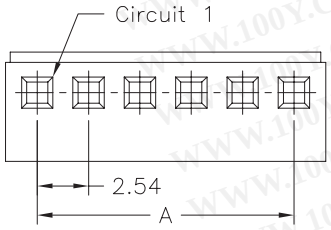
A2542HB

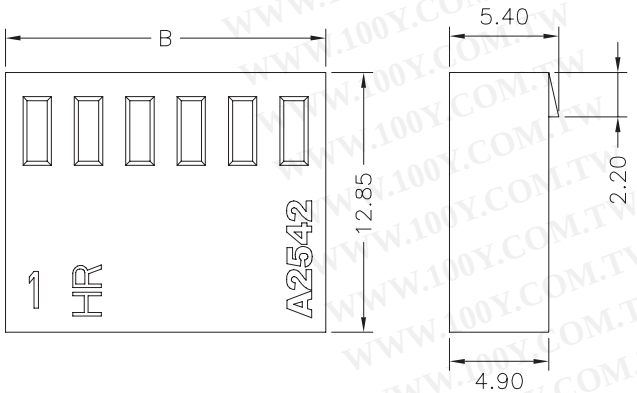
2.54mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A2542 series Terminal
*Mates with H.R A2542 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2542HB-02P	2.54	5.68
A2542HB-03P	5.08	8.22
A2542HB-04P	7.62	10.76
A2542HB-05P	10.16	13.30
A2542HB-06P	12.70	15.84
A2542HB-07P	15.24	18.38
A2542HB-08P	17.78	20.92
A2542HB-09P	20.32	23.46
A2542HB-10P	22.86	26.00
A2542HB-11P	25.40	28.54
A2542HB-12P	27.94	31.08
A2542HB-13P	30.48	33.62
A2542HB-14P	33.02	36.16
A2542HB-15P	35.56	38.70
A2542HB-16P	38.10	41.24
A2542HB-17P	40.64	43.78
A2542HB-18P	43.18	46.32
A2542HB-19P	45.72	48.86
A2542HB-20P	48.26	51.40

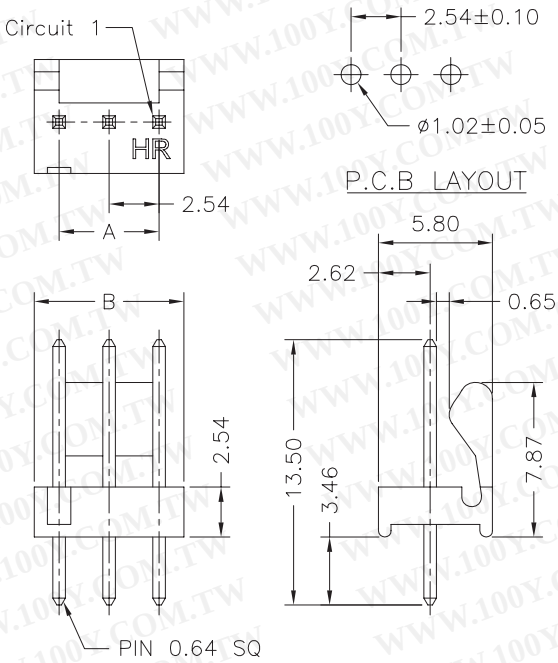
Unit:mm

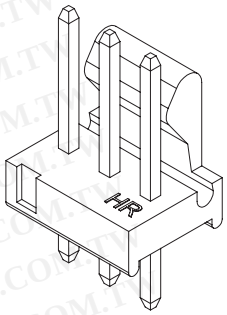
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2542WVB 2.54mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing





A2542WVB-03P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

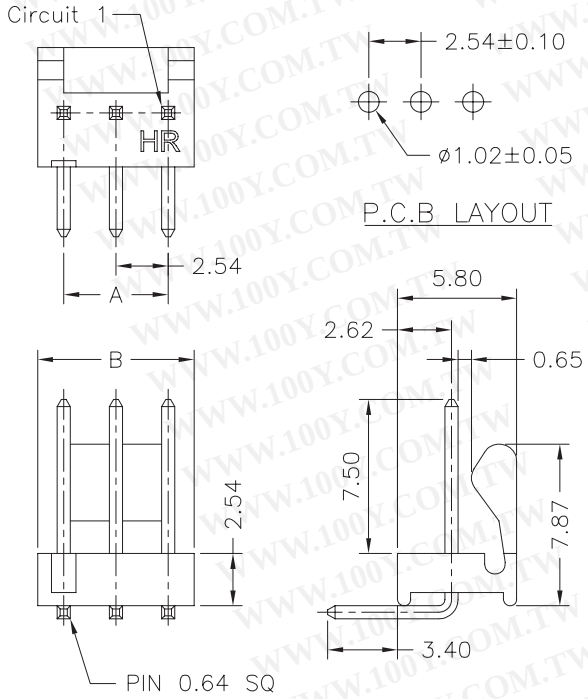
PART NO.	Dimensions	
	A	B
A2542WVB-02P	2.54	5.08
A2542WVB-03P	5.08	7.62

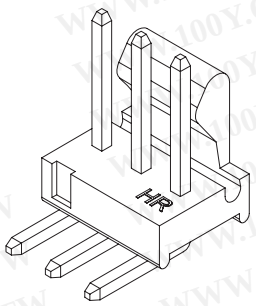
Unit:mm

A2542WRB 2.54mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing





A2542WRB-03P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2542WRB-02P	2.54	5.08
A2542WRB-03P	5.08	7.62

Unit:mm

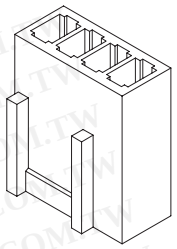
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

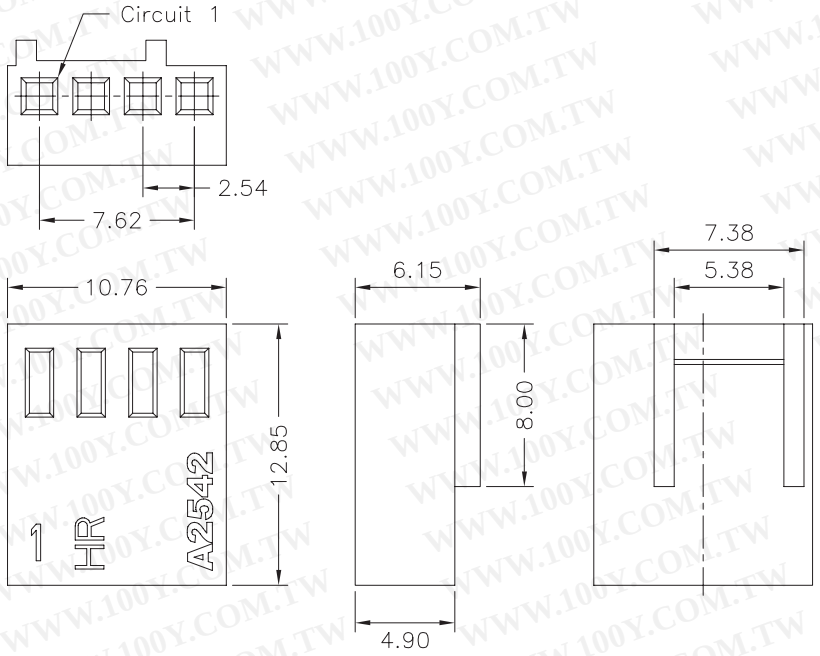
A2542HC-04P

2.54mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2542 series Terminal
*Mates with H.R A2542 series Wafer





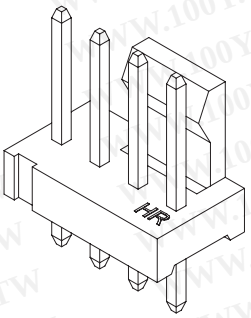
A2542HC-04P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

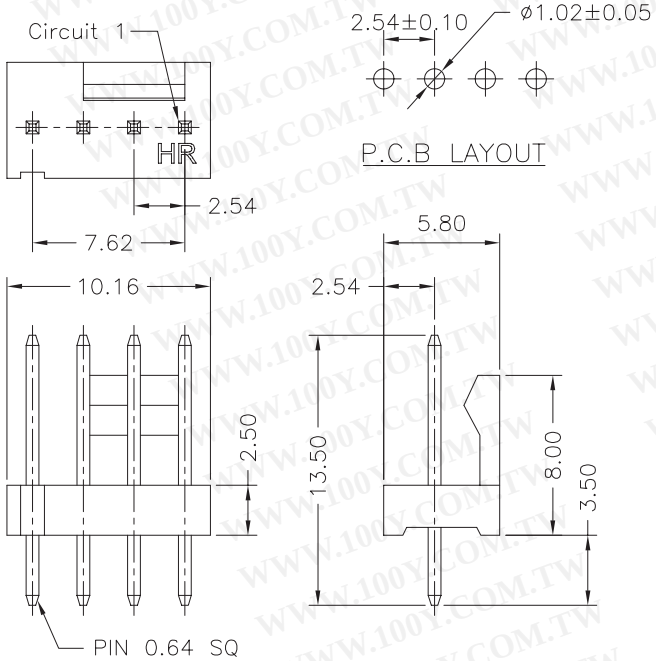
A2542WVC-04P

2.54mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





A2542WVC-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

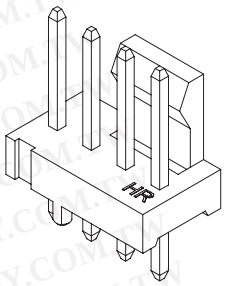
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

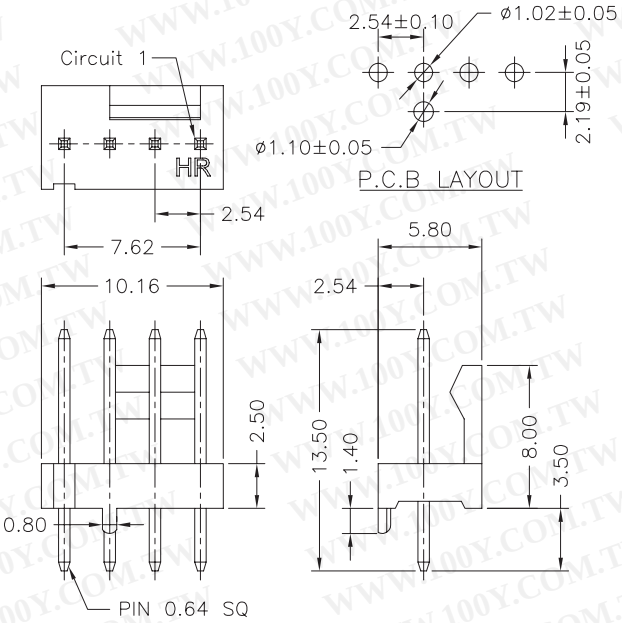
A2542WVC-F-04P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





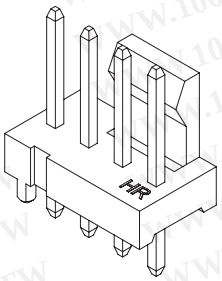
A2542WVC-F-04P N O W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

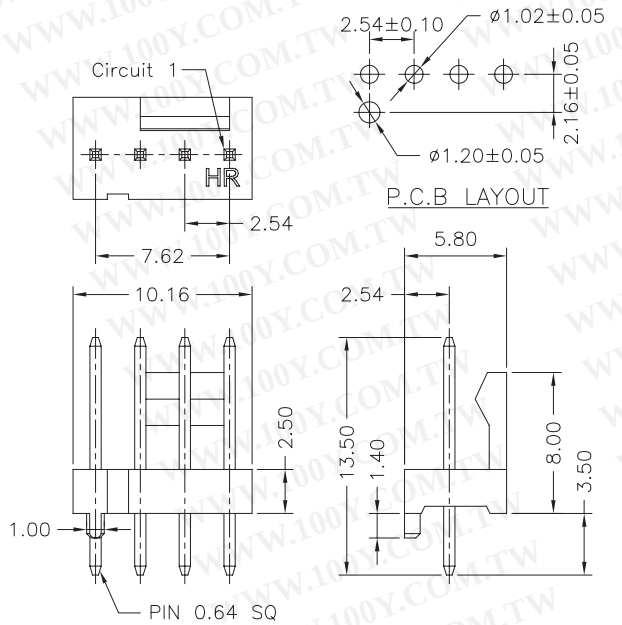
A2542WVC-F1-04P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





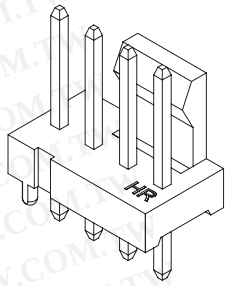
A2542WVC-F1-04P N O W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

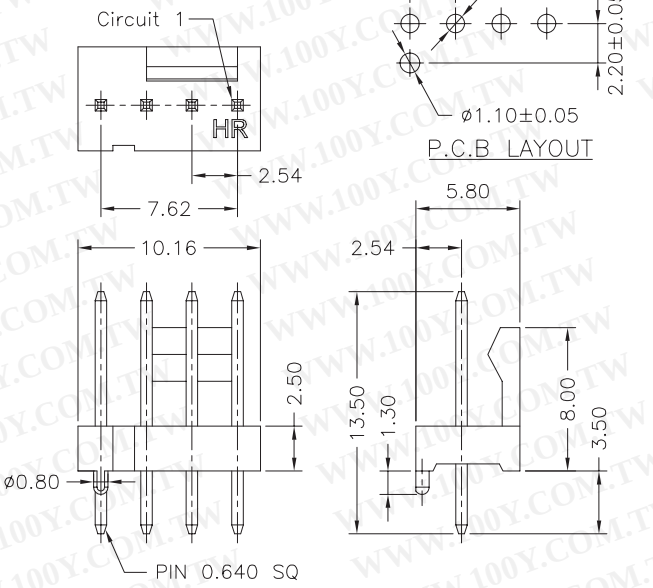
A2542WVC-F2-04P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





A2542WVC-F2-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

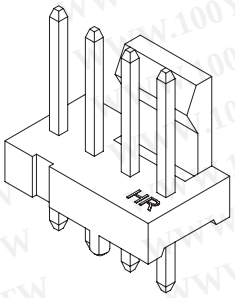
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

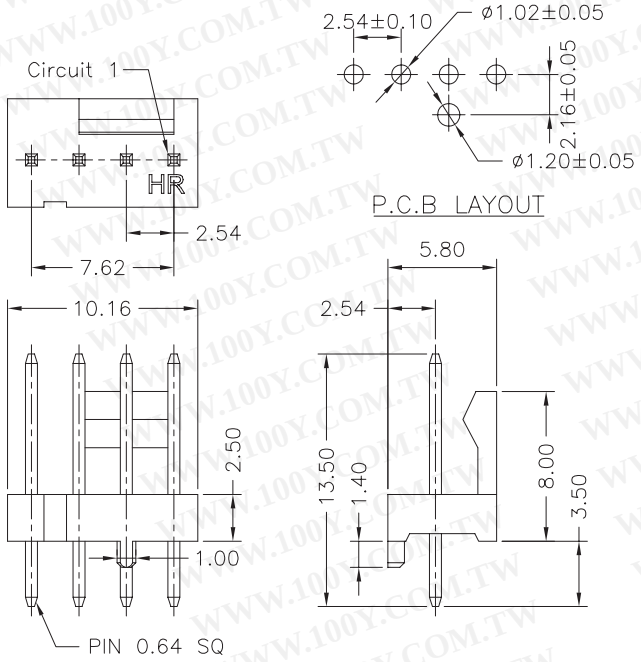
A2542WVC-F3-04P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





A2542WVC-F3-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

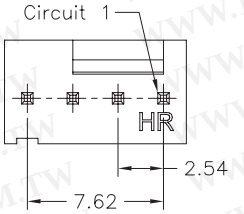
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

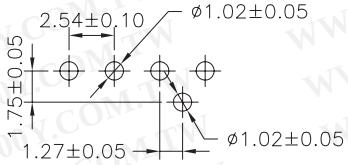
A2542WVC-F4-04P

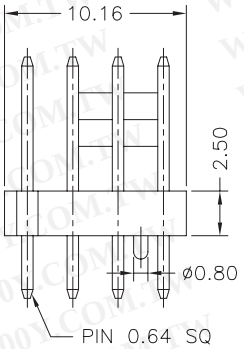
2.54mm pitch 180° Wafer With boss

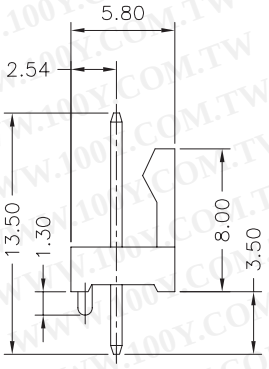
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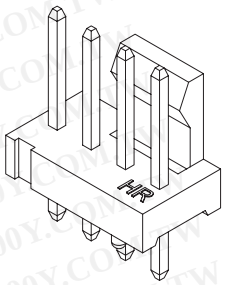
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available











A2542WVC-F4-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

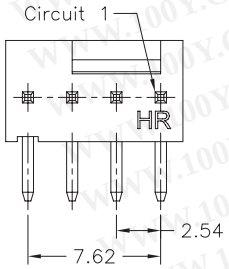
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

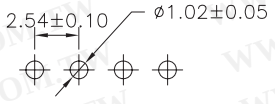
A2542WRC-04P

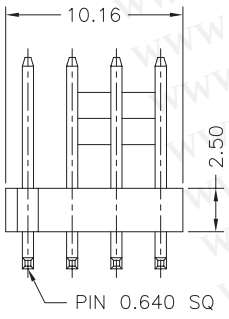
2.54mm pitch 90° Wafer

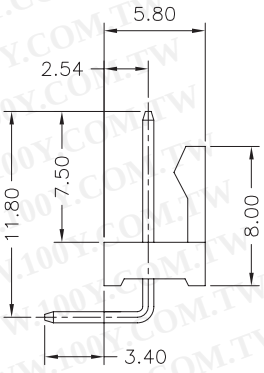
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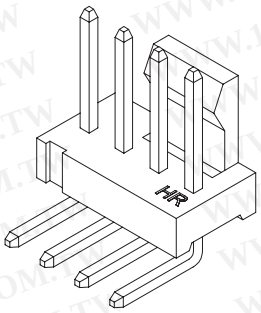
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available











A2542WRC-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

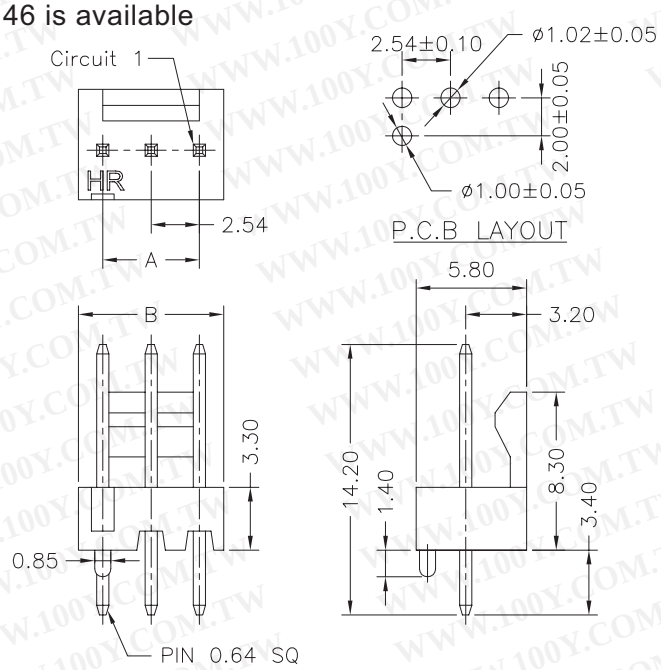
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

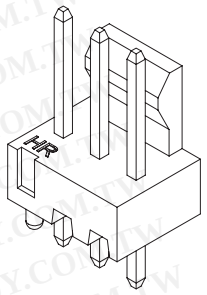
A2542WVD-F

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2542WVD-F-03P	5.08	7.62
A2542WVD-F-04P	7.62	10.16

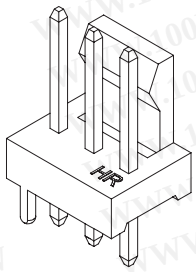
Unit:mm

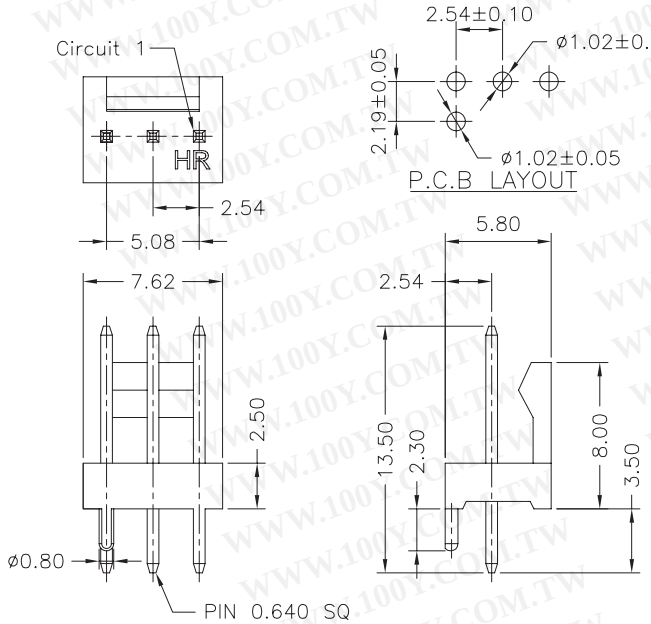
A2542WVC-F1-03P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





A2542WVC-F1-03P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

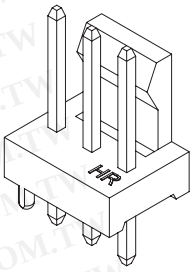
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

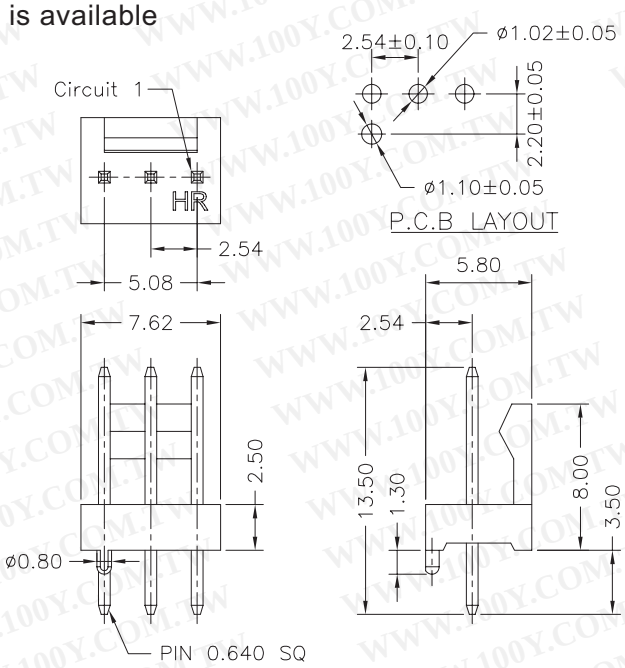
A2542WVC-F2-03P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





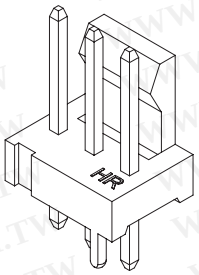
A2542WVC-F2-03P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

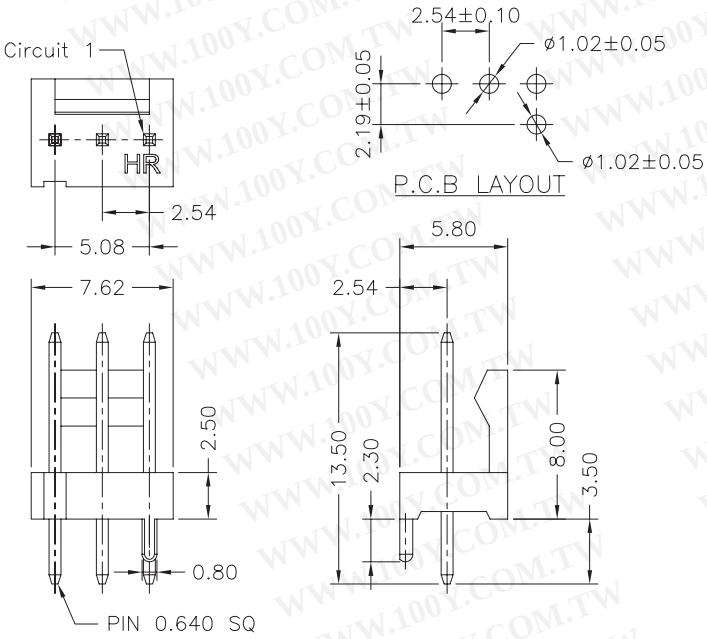
A2542WVC-F3-03P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





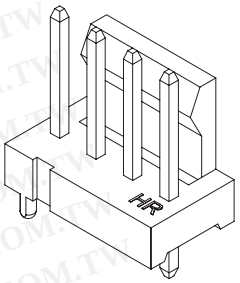
A2542WVC-F3-03P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
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⑤ Plating code: N=Non-plating
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⑦ Packing code: G=Bag

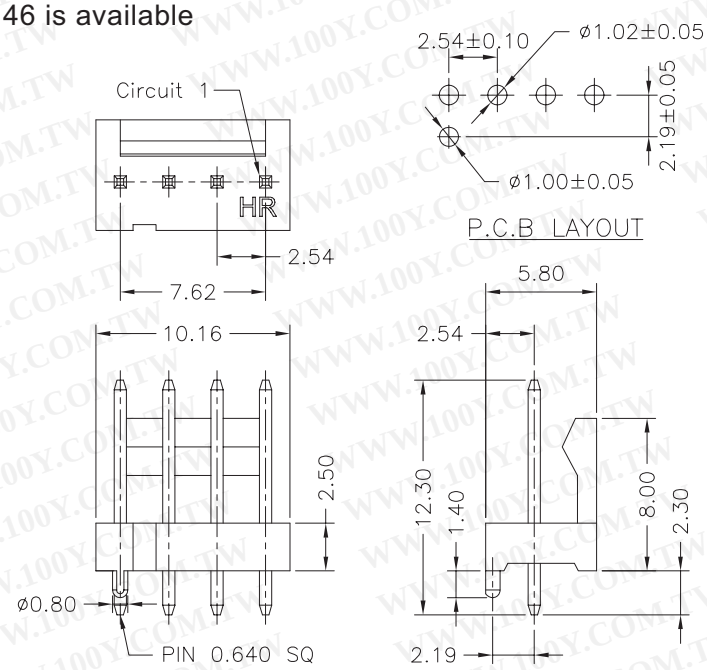
A2542WVF-F1-04P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





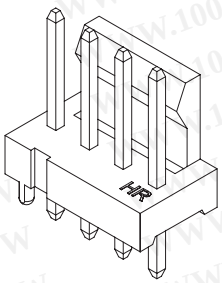
A2542WVF-F1-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

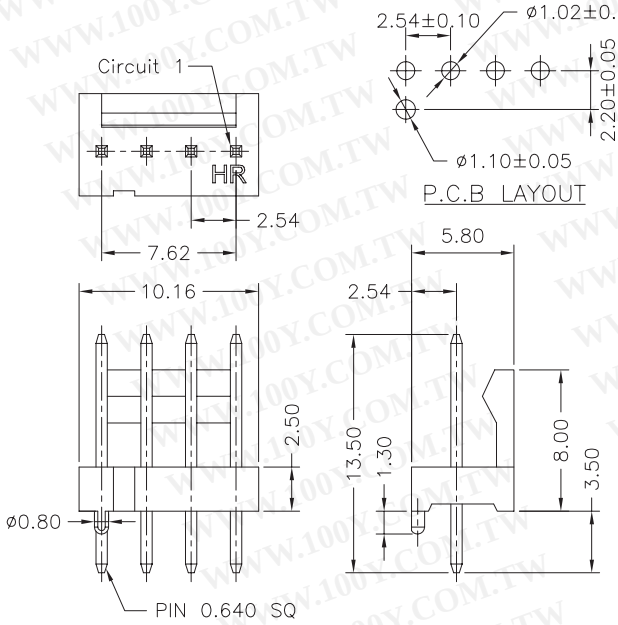
A2542WVF-F2-04P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available





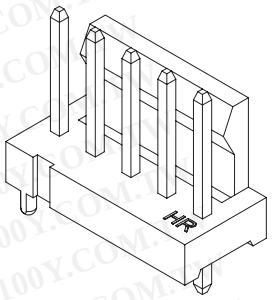
A2542WVF-F2-04P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
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⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

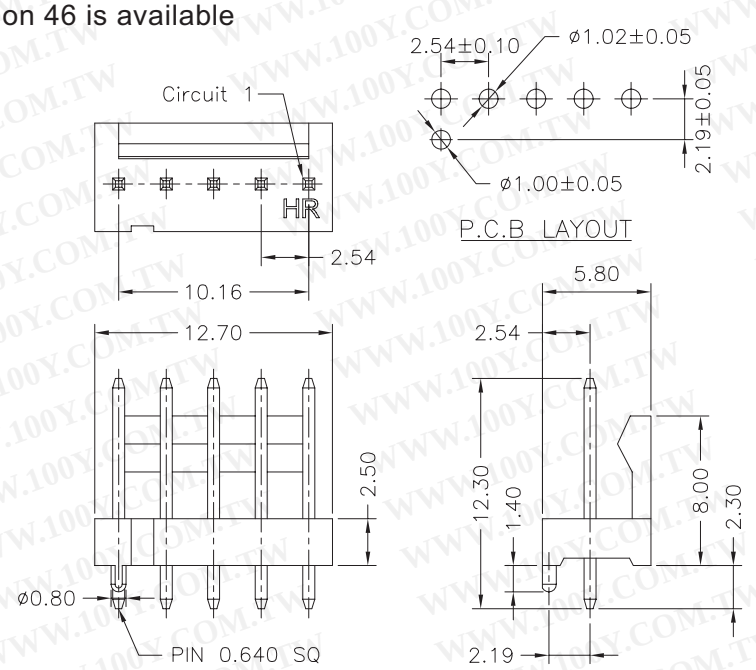
A2542WVF-F1-05P

2.54mm pitch 180° Wafer With boss

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A2542 series Housing
*Nylon 46 is available

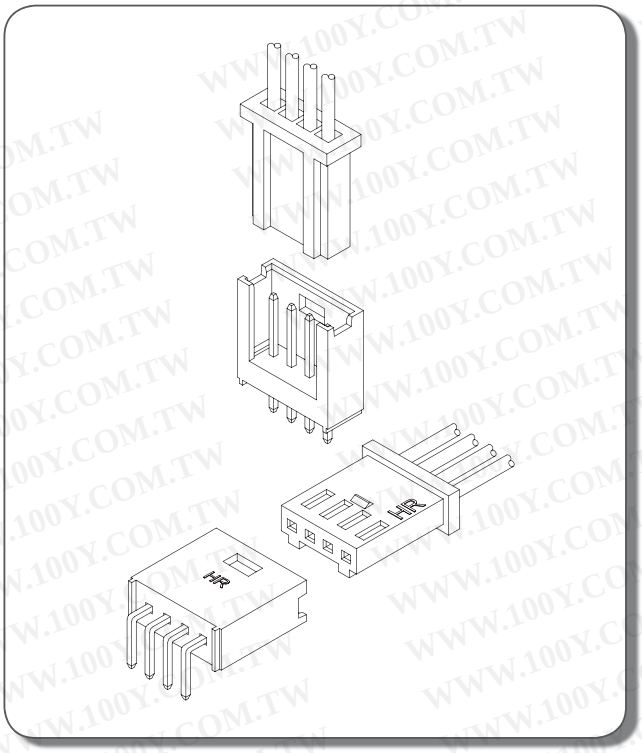




P.C.B LAYOUT

A2542WVF-F1-05P N O W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

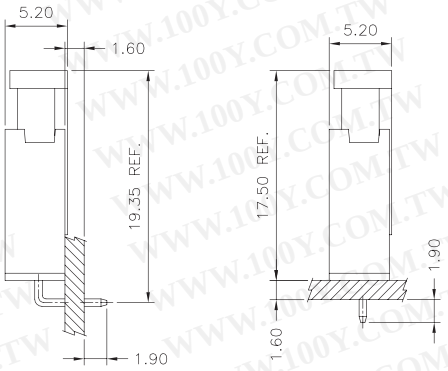
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A2543 M-T P E

❶ Series No.
❷ Terminal type: Blank=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor Bronze
❺ E=Stamping before plating

❶ ❷ ❸
A2543 H-04P

❶ Series No.
❷ H=Housing
❸ No. of circuits

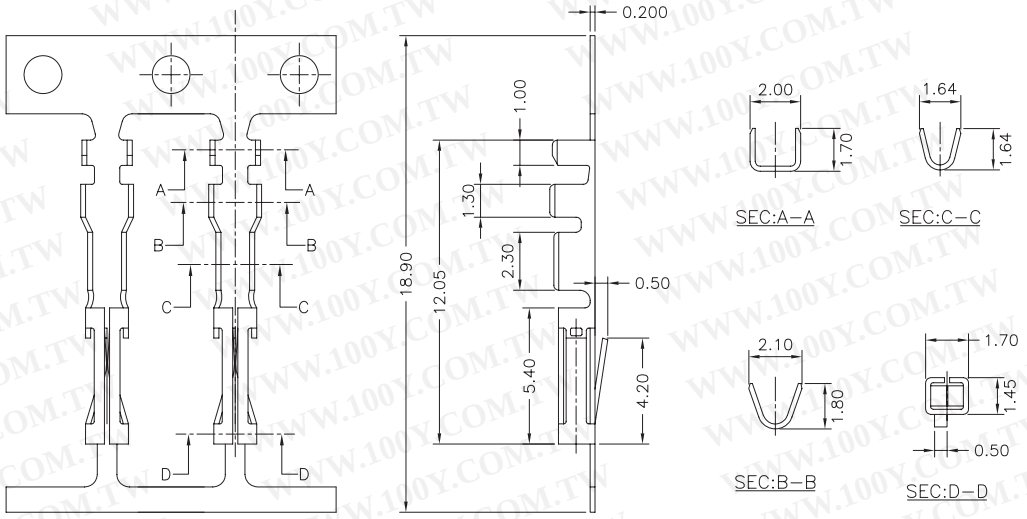
❶ ❷ ❸ ❹
A2543 WV-04P 6TG

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code:
6TG=Nylon 6T, Gold-flash

A2543-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2543H series Housing



Ordering Information & Specifications: Unit:mm

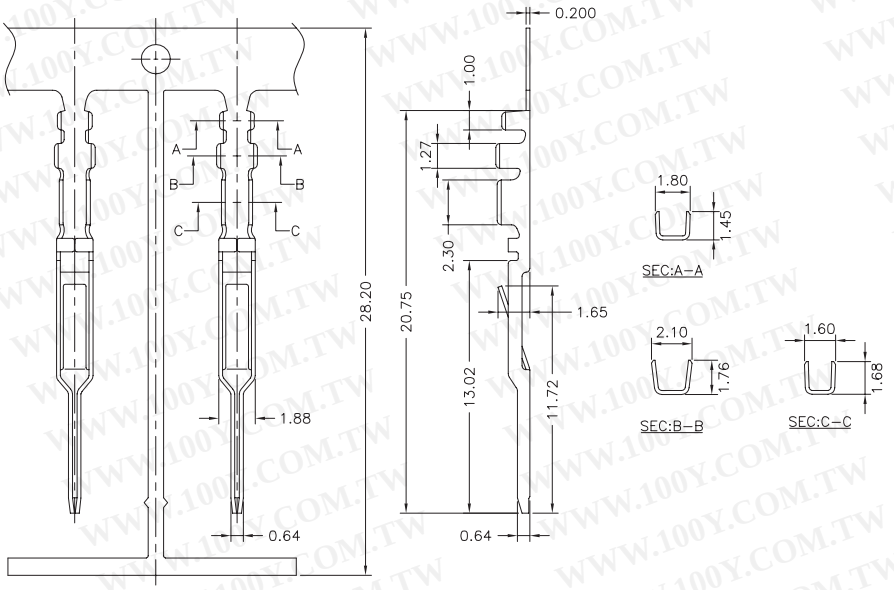
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2543-TPE	AWG#22-#26	1.55mm(max)	Phosphor Bronze	Tin-plated	20,000pcs

Note:E-Stamping before Tin-plated

A2543M-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2543HM series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2543M-TPE	AWG#22-#26	1.55mm(max)	Phosphor Bronze	Tin-plated	15,000pcs

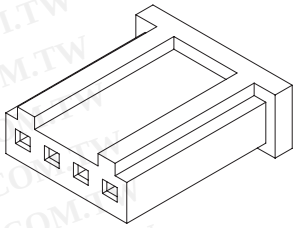
Note:E-Stamping before Tin-plated

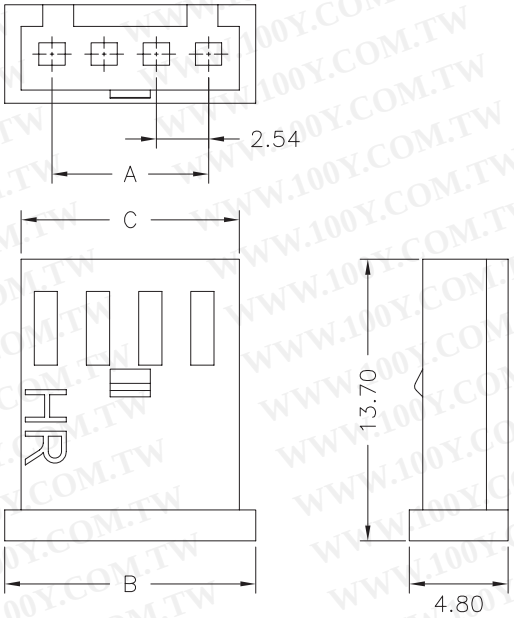
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2543H 2.54mm pitch Housing

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A2543 series Terminal
*Mates with H.R A2543 series Wafer





A2543H-04P N P B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

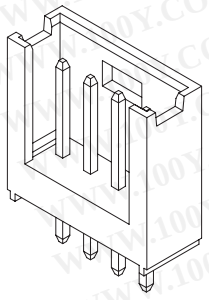
PART NO.	Dimensions		
	A	B	C
A2543H-02P	2.54	7.10	5.60
A2543H-04P	7.62	12.20	10.60
A2543H-06P	12.70	17.30	15.70
A2543H-08P	17.78	22.30	20.80

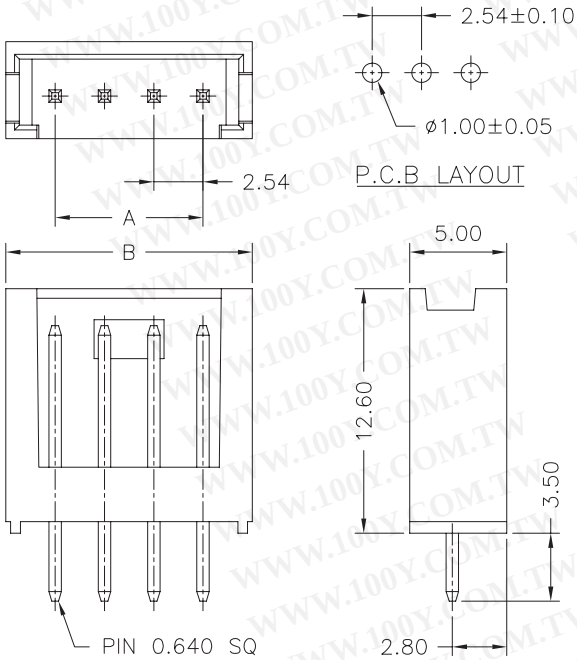
Unit:mm

A2543WV 2.54mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT,UL94V-0
*Mates with H.R A2543H series Housing
*Nylon 6T is available





A2543WV-04P N P B T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2543WV-02P	2.54	7.62
A2543WV-04P	7.62	12.70
A2543WV-05P	10.16	15.24
A2543WV-06P	12.70	17.78
A2543WV-08P	17.78	22.86
A2543WV-10P	22.86	27.94

Unit:mm

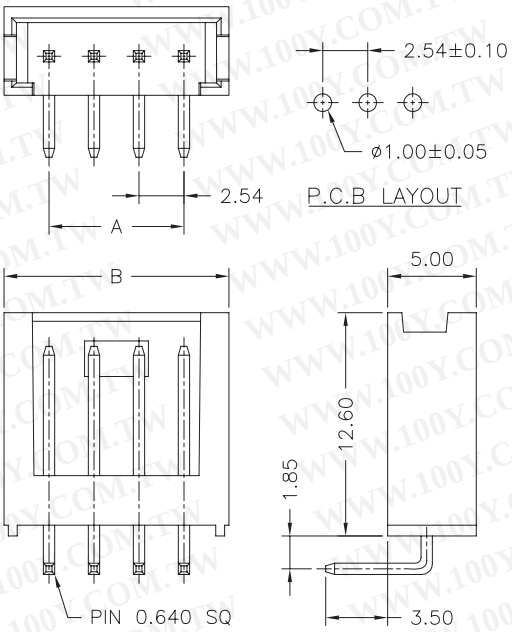
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

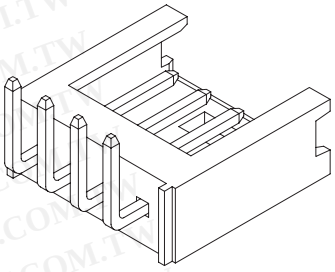
A2543WR

2.54mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT,UL94V-0
*Mates with H.R A2543H series Housing
*Nylon 6T is available



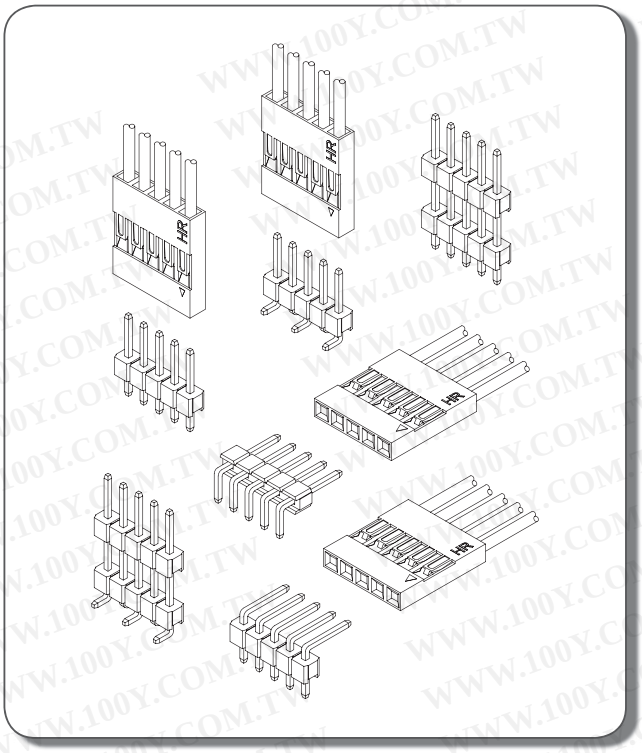


A2543WR-04P N P B T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2543WR-02P	2.54	7.62
A2543WR-04P	7.62	12.70
A2543WR-05P	10.16	15.24
A2543WR-06P	12.70	17.78
A2543WR-08P	17.78	22.86
A2543WR-10P	22.86	27.94

Unit:mm



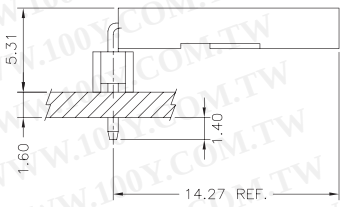
Specifications

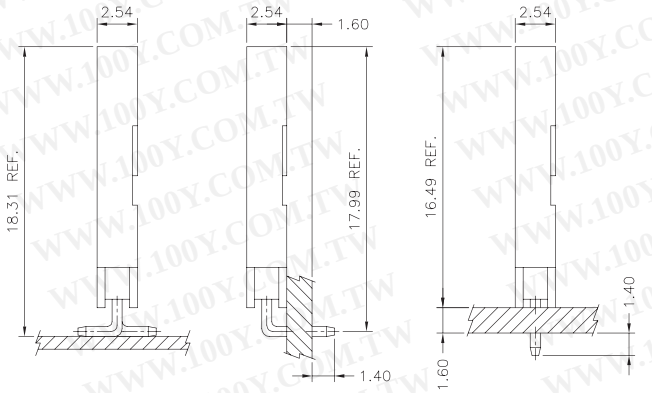
Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout





Ordering code

❶ ❷ ❸ ❹ ❺
A2545 M-H B E

❶ Series No.
❷ Terminal type: M=Male
❸ Plating code: T=Tin-plated, H=Gold-flash on contact area
❹ Material: B=Brass
❺ E=Stamping before plating

❶ ❷ ❸ ❹
A2545 H -N-05P

❶ Series No.
❷ H=Housing
❸ Blank=Normal type, -N=With nose
❹ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻
A2545 WV A -S-05P 6T

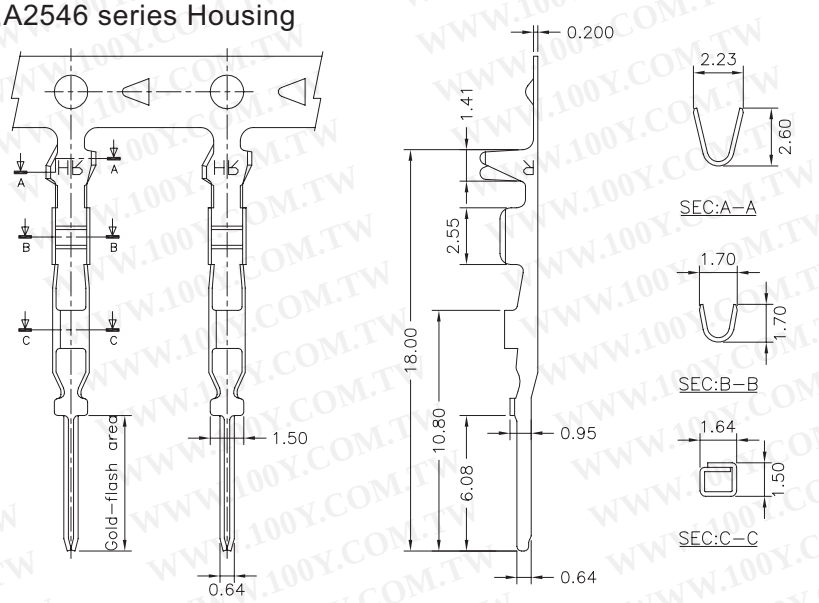
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers or A Type(Right angle type only)
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ No. of circuits
❻ Option code:
6T=Nylon 6T, Black(Through hole type only)
66=Nylon 66, Black(Through hole type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2545M-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2545,A2546 series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2545M-TBE	AWG#22-#26	1.63mm(max)	Brass	Tin-plated	10,000pcs
A2545M-HBE	AWG#22-#26	1.63mm(max)	Brass	Gold-flash	

Note:E-Stamping before Tin-plated or Gold-flash

A2545H 2.54mm pitch Single Row Housing

Reference Informations:

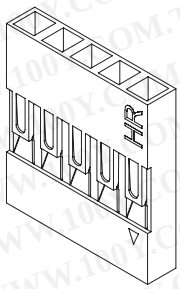
*Material: PBT,UL94V-0

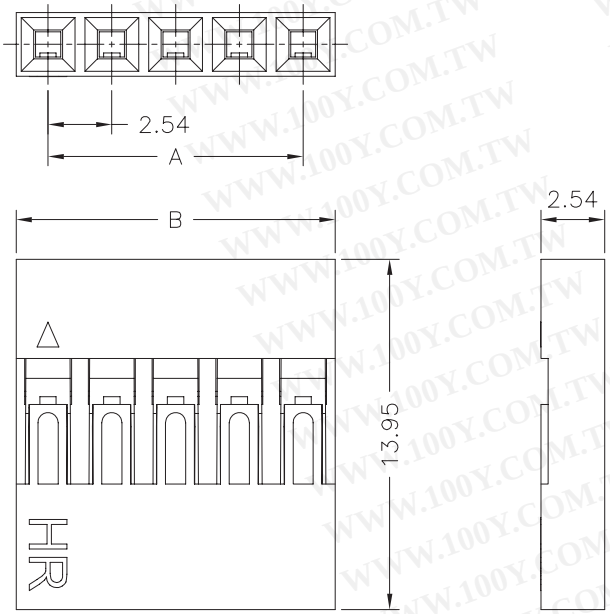
*Suitable H.R A2541 series Terminal or A2545M series Terminal

*Mates with H.R A2545 series single row Pin Header

A2545H-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions A	Dimensions B	PART NO.	Dimensions A	Dimensions B
A2545H-01P	---	2.54	A2545H-21P	50.80	53.34
A2545H-02P	2.54	5.08	A2545H-22P	53.34	55.88
A2545H-03P	5.08	7.62	A2545H-23P	55.88	58.42
A2545H-04P	7.62	10.16	A2545H-24P	58.42	60.96
A2545H-05P	10.16	12.70	A2545H-25P	60.96	63.50
A2545H-06P	12.70	15.24	A2545H-26P	63.50	66.04
A2545H-07P	15.24	17.78	A2545H-27P	66.04	68.58
A2545H-08P	17.78	20.32	A2545H-28P	68.58	71.12
A2545H-09P	20.32	22.86	A2545H-29P	71.12	73.66
A2545H-10P	22.86	25.40	A2545H-30P	73.66	76.20
A2545H-11P	25.40	27.94	A2545H-31P	76.20	78.74
A2545H-12P	27.94	30.48	A2545H-32P	78.74	81.28
A2545H-13P	30.48	33.02	A2545H-33P	81.28	83.82
A2545H-14P	33.02	35.56	A2545H-34P	83.82	86.36
A2545H-15P	35.56	38.10	A2545H-35P	86.36	88.90
A2545H-16P	38.10	40.64	A2545H-36P	88.90	91.44
A2545H-17P	40.64	43.18	A2545H-37P	91.44	93.98
A2545H-18P	43.18	45.72	A2545H-38P	93.98	96.52
A2545H-19P	45.72	48.26	A2545H-39P	96.52	99.06
A2545H-20P	48.26	50.80	A2545H-40P	99.06	101.60

Unit:mm

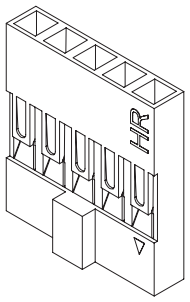
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

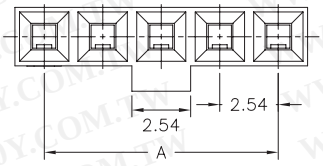
A2545H-N 2.54mm pitch Single Row Housing

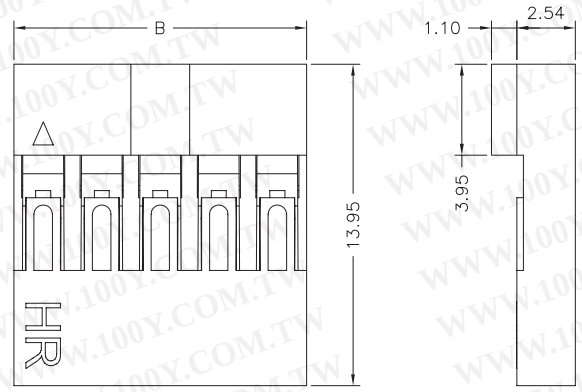
Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R A2541 series Terminal or A2545M series Terminal
*Mates with H.R A2545 series single row Pin Header

A2545H-N-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag







Ordering Information & Dimensions:

PART NO.	Dimensions A	Dimensions B	PART NO.	Dimensions A	Dimensions B
A2545H-N-02P	2.54	5.08	A2545H-N-22P	53.34	55.88
A2545H-N-03P	5.08	7.62	A2545H-N-23P	55.88	58.42
A2545H-N-04P	7.62	10.16	A2545H-N-24P	58.42	60.96
A2545H-N-05P	10.16	12.70	A2545H-N-25P	60.96	63.50
A2545H-N-06P	12.70	15.24	A2545H-N-26P	63.50	66.04
A2545H-N-07P	15.24	17.78	A2545H-N-27P	66.04	68.58
A2545H-N-08P	17.78	20.32	A2545H-N-28P	68.58	71.12
A2545H-N-09P	20.32	22.86	A2545H-N-29P	71.12	73.66
A2545H-N-10P	22.86	25.40	A2545H-N-30P	73.66	76.20
A2545H-N-11P	25.40	27.94	A2545H-N-31P	76.20	78.74
A2545H-N-12P	27.94	30.48	A2545H-N-32P	78.74	81.28
A2545H-N-13P	30.48	33.02	A2545H-N-33P	81.28	83.82
A2545H-N-14P	33.02	35.56	A2545H-N-34P	83.82	86.36
A2545H-N-15P	35.56	38.10	A2545H-N-35P	86.36	88.90
A2545H-N-16P	38.10	40.64	A2545H-N-36P	88.90	91.44
A2545H-N-17P	40.64	43.18	A2545H-N-37P	91.44	93.98
A2545H-N-18P	43.18	45.72	A2545H-N-38P	93.98	96.52
A2545H-N-19P	45.72	48.26	A2545H-N-39P	96.52	99.06
A2545H-N-20P	48.26	50.80	A2545H-N-40P	99.06	101.60
A2545H-N-21P	50.80	53.34			

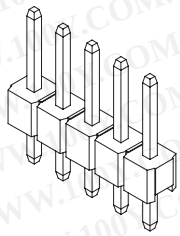
Unit:mm

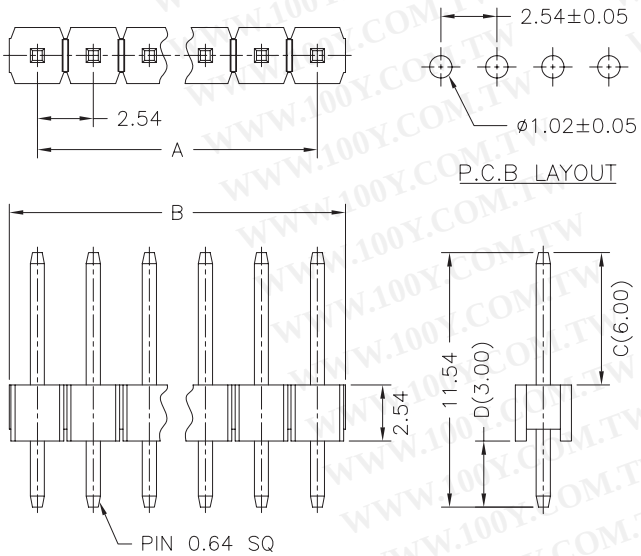
A2545WV 2.54mm pitch 180° Single Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2545 series single row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available

A2545WV-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

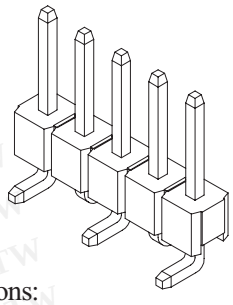
PART NO.	Dimensions A	Dimensions B	PART NO.	Dimensions A	Dimensions B
A2545WV-02P	2.54	5.08	A2545WV-22P	53.34	55.88
A2545WV-03P	5.08	7.62	A2545WV-23P	55.88	58.42
A2545WV-04P	7.62	10.16	A2545WV-24P	58.42	60.96
A2545WV-05P	10.16	12.70	A2545WV-25P	60.96	63.50
A2545WV-06P	12.70	15.24	A2545WV-26P	63.50	66.04
A2545WV-07P	15.24	17.78	A2545WV-27P	66.04	68.58
A2545WV-08P	17.78	20.32	A2545WV-28P	68.58	71.12
A2545WV-09P	20.32	22.86	A2545WV-29P	71.12	73.66
A2545WV-10P	22.86	25.40	A2545WV-30P	73.66	76.20
A2545WV-11P	25.40	27.94	A2545WV-31P	76.20	78.74
A2545WV-12P	27.94	30.48	A2545WV-32P	78.74	81.28
A2545WV-13P	30.48	33.02	A2545WV-33P	81.28	83.82
A2545WV-14P	33.02	35.56	A2545WV-34P	83.82	86.36
A2545WV-15P	35.56	38.10	A2545WV-35P	86.36	88.90
A2545WV-16P	38.10	40.64	A2545WV-36P	88.90	91.44
A2545WV-17P	40.64	43.18	A2545WV-37P	91.44	93.98
A2545WV-18P	43.18	45.72	A2545WV-38P	93.98	96.52
A2545WV-19P	45.72	48.26	A2545WV-39P	96.52	99.06
A2545WV-20P	48.26	50.80	A2545WV-40P	99.06	101.60
A2545WV-21P	50.80	53.34			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

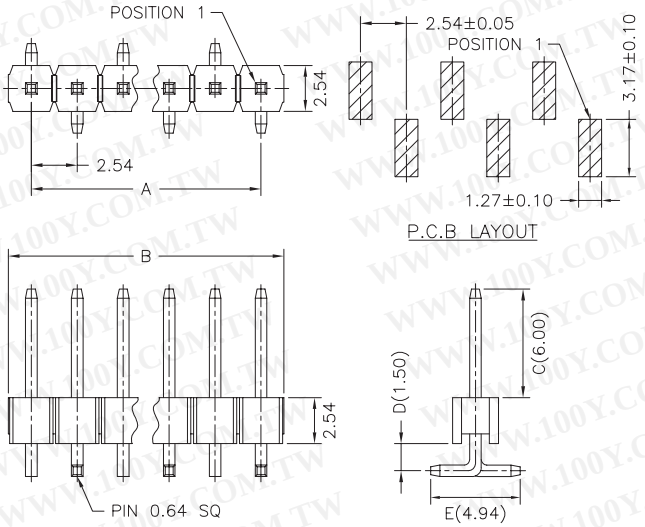
A2545WV-S

2.54mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2545 series single row Housing
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

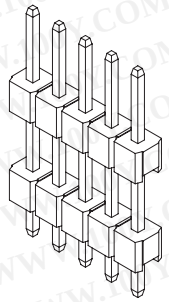
PART NO.	Dimensions	
	A	B
A2545WV-S-02P	2.54	5.08
A2545WV-S-03P	5.08	7.62
A2545WV-S-04P	7.62	10.16
A2545WV-S-05P	10.16	12.70
A2545WV-S-06P	12.70	15.24
A2545WV-S-07P	15.24	17.78
A2545WV-S-08P	17.78	20.32
A2545WV-S-09P	20.32	22.86
A2545WV-S-10P	22.86	25.40
A2545WV-S-11P	25.40	27.94
A2545WV-S-12P	27.94	30.48
A2545WV-S-13P	30.48	33.02
A2545WV-S-14P	33.02	35.56
A2545WV-S-15P	35.56	38.10
A2545WV-S-16P	38.10	40.64
A2545WV-S-17P	40.64	43.18
A2545WV-S-18P	43.18	45.72
A2545WV-S-19P	45.72	48.26
A2545WV-S-20P	48.26	50.80
A2545WV-S-21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2545WV-S-22P	53.34	55.88
A2545WV-S-23P	55.88	58.42
A2545WV-S-24P	58.42	60.96
A2545WV-S-25P	60.96	63.50
A2545WV-S-26P	63.50	66.04
A2545WV-S-27P	66.04	68.58
A2545WV-S-28P	68.58	71.12
A2545WV-S-29P	71.12	73.66
A2545WV-S-30P	73.66	76.20
A2545WV-S-31P	76.20	78.74
A2545WV-S-32P	78.74	81.28
A2545WV-S-33P	81.28	83.82
A2545WV-S-34P	83.82	86.36
A2545WV-S-35P	86.36	88.90
A2545WV-S-36P	88.90	91.44
A2545WV-S-37P	91.44	93.98
A2545WV-S-38P	93.98	96.52
A2545WV-S-39P	96.52	99.06
A2545WV-S-40P	99.06	101.60

Unit:mm

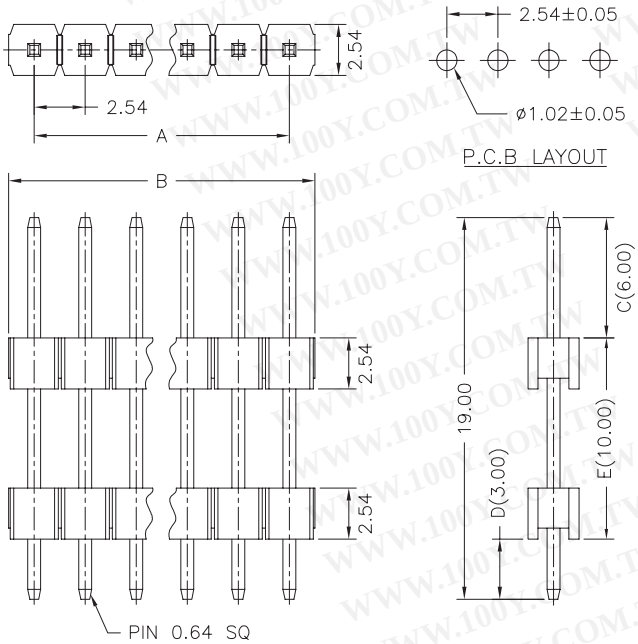
A2545WVA

2.54mm pitch 180° Single Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2545WVA-02P	2.54	5.08
A2545WVA-03P	5.08	7.62
A2545WVA-04P	7.62	10.16
A2545WVA-05P	10.16	12.70
A2545WVA-06P	12.70	15.24
A2545WVA-07P	15.24	17.78
A2545WVA-08P	17.78	20.32
A2545WVA-09P	20.32	22.86
A2545WVA-10P	22.86	25.40
A2545WVA-11P	25.40	27.94
A2545WVA-12P	27.94	30.48
A2545WVA-13P	30.48	33.02
A2545WVA-14P	33.02	35.56
A2545WVA-15P	35.56	38.10
A2545WVA-16P	38.10	40.64
A2545WVA-17P	40.64	43.18
A2545WVA-18P	43.18	45.72
A2545WVA-19P	45.72	48.26
A2545WVA-20P	48.26	50.80
A2545WVA-21P	50.80	53.34

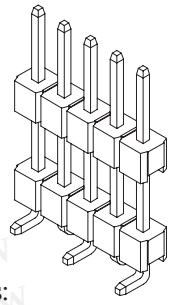
PART NO.	Dimensions	
	A	B
A2545WVA-22P	53.34	55.88
A2545WVA-23P	55.88	58.42
A2545WVA-24P	58.42	60.96
A2545WVA-25P	60.96	63.50
A2545WVA-26P	63.50	66.04
A2545WVA-27P	66.04	68.58
A2545WVA-28P	68.58	71.12
A2545WVA-29P	71.12	73.66
A2545WVA-30P	73.66	76.20
A2545WVA-31P	76.20	78.74
A2545WVA-32P	78.74	81.28
A2545WVA-33P	81.28	83.82
A2545WVA-34P	83.82	86.36
A2545WVA-35P	86.36	88.90
A2545WVA-36P	88.90	91.44
A2545WVA-37P	91.44	93.98
A2545WVA-38P	93.98	96.52
A2545WVA-39P	96.52	99.06
A2545WVA-40P	99.06	101.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

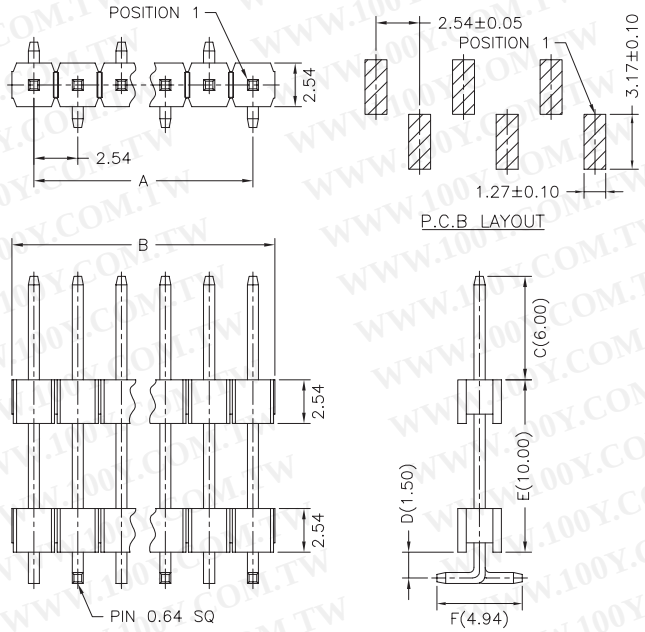
A2545WVA-S

2.54mm pitch 180° Single Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2545WVA-S-02P	2.54	5.08	A2545WVA-S-22P	53.34	55.88
A2545WVA-S-03P	5.08	7.62	A2545WVA-S-23P	55.88	58.42
A2545WVA-S-04P	7.62	10.16	A2545WVA-S-24P	58.42	60.96
A2545WVA-S-05P	10.16	12.70	A2545WVA-S-25P	60.96	63.50
A2545WVA-S-06P	12.70	15.24	A2545WVA-S-26P	63.50	66.04
A2545WVA-S-07P	15.24	17.78	A2545WVA-S-27P	66.04	68.58
A2545WVA-S-08P	17.78	20.32	A2545WVA-S-28P	68.58	71.12
A2545WVA-S-09P	20.32	22.86	A2545WVA-S-29P	71.12	73.66
A2545WVA-S-10P	22.86	25.40	A2545WVA-S-30P	73.66	76.20
A2545WVA-S-11P	25.40	27.94	A2545WVA-S-31P	76.20	78.74
A2545WVA-S-12P	27.94	30.48	A2545WVA-S-32P	78.74	81.28
A2545WVA-S-13P	30.48	33.02	A2545WVA-S-33P	81.28	83.82
A2545WVA-S-14P	33.02	35.56	A2545WVA-S-34P	83.82	86.36
A2545WVA-S-15P	35.56	38.10	A2545WVA-S-35P	86.36	88.90
A2545WVA-S-16P	38.10	40.64	A2545WVA-S-36P	88.90	91.44
A2545WVA-S-17P	40.64	43.18	A2545WVA-S-37P	91.44	93.98
A2545WVA-S-18P	43.18	45.72	A2545WVA-S-38P	93.98	96.52
A2545WVA-S-19P	45.72	48.26	A2545WVA-S-39P	96.52	99.06
A2545WVA-S-20P	48.26	50.80	A2545WVA-S-40P	99.06	101.60
A2545WVA-S-21P	50.80	53.34			

Unit:mm

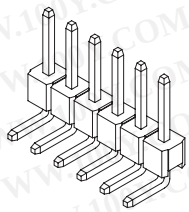
A2545WR

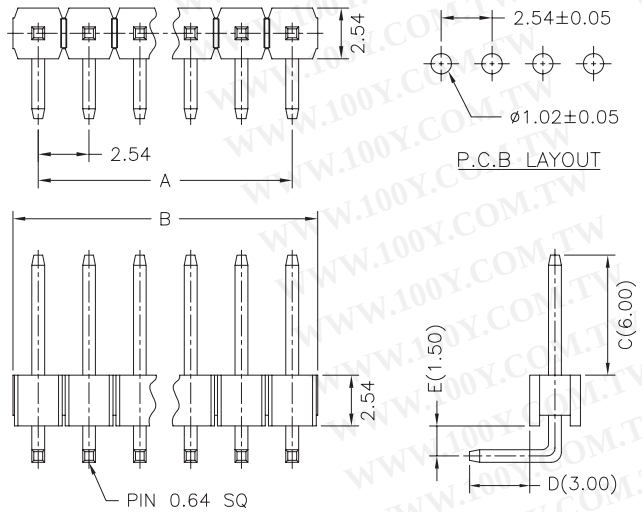
2.54mm pitch 90° Single Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2545 series single row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available

A2545WR-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2545WR-02P	2.54	5.08	A2545WR-22P	53.34	55.88
A2545WR-03P	5.08	7.62	A2545WR-23P	55.88	58.42
A2545WR-04P	7.62	10.16	A2545WR-24P	58.42	60.96
A2545WR-05P	10.16	12.70	A2545WR-25P	60.96	63.50
A2545WR-06P	12.70	15.24	A2545WR-26P	63.50	66.04
A2545WR-07P	15.24	17.78	A2545WR-27P	66.04	68.58
A2545WR-08P	17.78	20.32	A2545WR-28P	68.58	71.12
A2545WR-09P	20.32	22.86	A2545WR-29P	71.12	73.66
A2545WR-10P	22.86	25.40	A2545WR-30P	73.66	76.20
A2545WR-11P	25.40	27.94	A2545WR-31P	76.20	78.74
A2545WR-12P	27.94	30.48	A2545WR-32P	78.74	81.28
A2545WR-13P	30.48	33.02	A2545WR-33P	81.28	83.82
A2545WR-14P	33.02	35.56	A2545WR-34P	83.82	86.36
A2545WR-15P	35.56	38.10	A2545WR-35P	86.36	88.90
A2545WR-16P	38.10	40.64	A2545WR-36P	88.90	91.44
A2545WR-17P	40.64	43.18	A2545WR-37P	91.44	93.98
A2545WR-18P	43.18	45.72	A2545WR-38P	93.98	96.52
A2545WR-19P	45.72	48.26	A2545WR-39P	96.52	99.06
A2545WR-20P	48.26	50.80	A2545WR-40P	99.06	101.60
A2545WR-21P	50.80	53.34			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2545WRA

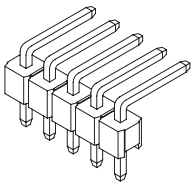
2.54mm pitch 90° Single Row Pin Header

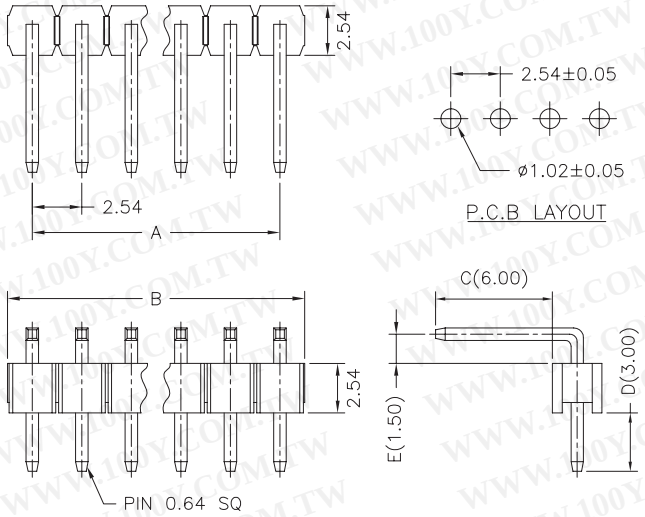
Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2545 series single row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available

A2545WRA-05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





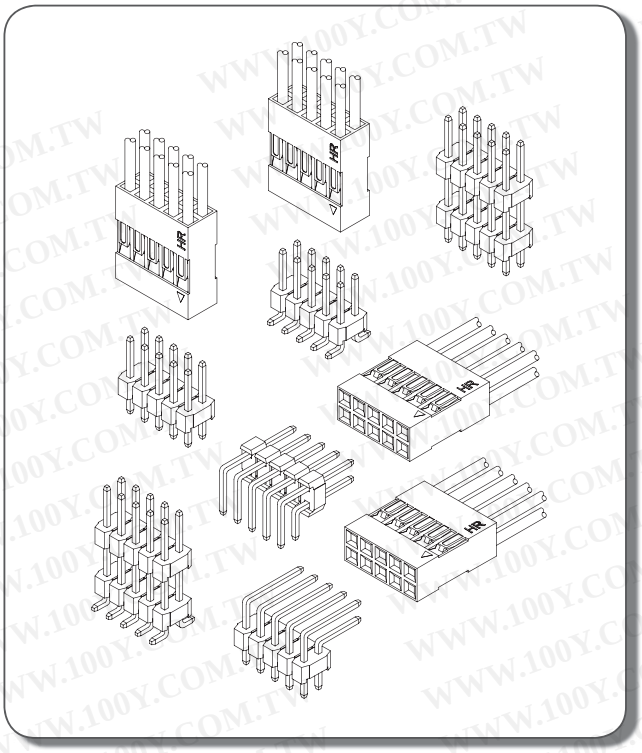
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2545WRA-02P	2.54	5.08
A2545WRA-03P	5.08	7.62
A2545WRA-04P	7.62	10.16
A2545WRA-05P	10.16	12.70
A2545WRA-06P	12.70	15.24
A2545WRA-07P	15.24	17.78
A2545WRA-08P	17.78	20.32
A2545WRA-09P	20.32	22.86
A2545WRA-10P	22.86	25.40
A2545WRA-11P	25.40	27.94
A2545WRA-12P	27.94	30.48
A2545WRA-13P	30.48	33.02
A2545WRA-14P	33.02	35.56
A2545WRA-15P	35.56	38.10
A2545WRA-16P	38.10	40.64
A2545WRA-17P	40.64	43.18
A2545WRA-18P	43.18	45.72
A2545WRA-19P	45.72	48.26
A2545WRA-20P	48.26	50.80
A2545WRA-21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2545WRA-22P	53.34	55.88
A2545WRA-23P	55.88	58.42
A2545WRA-24P	58.42	60.96
A2545WRA-25P	60.96	63.50
A2545WRA-26P	63.50	66.04
A2545WRA-27P	66.04	68.58
A2545WRA-28P	68.58	71.12
A2545WRA-29P	71.12	73.66
A2545WRA-30P	73.66	76.20
A2545WRA-31P	76.20	78.74
A2545WRA-32P	78.74	81.28
A2545WRA-33P	81.28	83.82
A2545WRA-34P	83.82	86.36
A2545WRA-35P	86.36	88.90
A2545WRA-36P	88.90	91.44
A2545WRA-37P	91.44	93.98
A2545WRA-38P	93.98	96.52
A2545WRA-39P	96.52	99.06
A2545WRA-40P	99.06	101.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



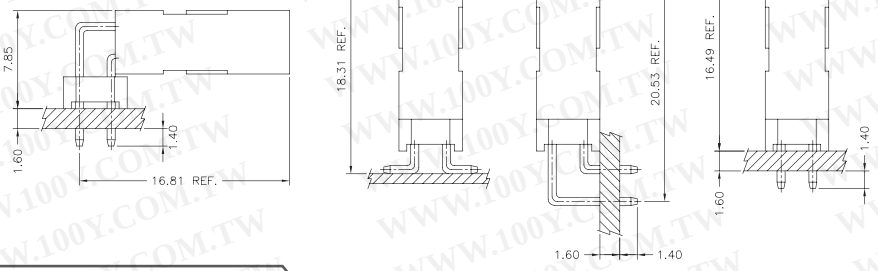
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺ ❻
A2546 H A -N- 2X 05P

❶ Series No.
❷ H=Housing
❸ Blank=Normal type
A=Reverse type(Without nose type only)
❹ Blank=Normal type, -N=With nose
❺ 2X=Dual row
❻ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻ ❼
A2546 WV A -S- 2X 05P 6T

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=Dual body stacking headers or
A Type(Right angle type only)
B=B Type(Right angle type only)
❹ Mounting type: Blank=Through hole
-S=SMT without boss
❺ 2X=Dual row
❻ No. of circuits
❼ Option code:
6T=Nylon 6T, Black(Through hole type only)
66=Nylon 66, Black(Through hole type only)

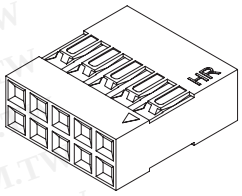
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A2546H-2

2.54mm pitch Dual Row Housing

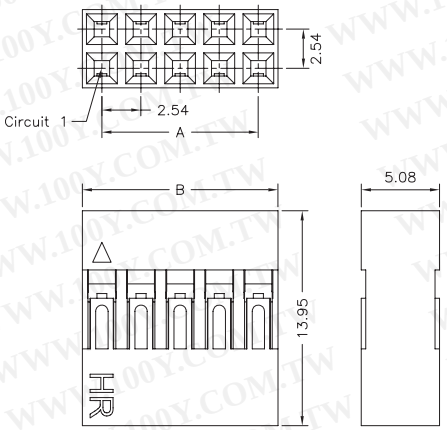
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2541 series Terminal or A2545M series Terminal
*Mates with H.R A2546 series dual row Pin Header
or A2548 series dual row Box Header



A2546H-2X05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2546H-2X02P	2.54	5.08
A2546H-2X03P	5.08	7.62
A2546H-2X04P	7.62	10.16
A2546H-2X05P	10.16	12.70
A2546H-2X06P	12.70	15.24
A2546H-2X07P	15.24	17.78
A2546H-2X08P	17.78	20.32
A2546H-2X09P	20.32	22.86
A2546H-2X10P	22.86	25.40
A2546H-2X11P	25.40	27.94
A2546H-2X12P	27.94	30.48
A2546H-2X13P	30.48	33.02
A2546H-2X14P	33.02	35.56
A2546H-2X15P	35.56	38.10
A2546H-2X16P	38.10	40.64
A2546H-2X17P	40.64	43.18
A2546H-2X18P	43.18	45.72
A2546H-2X19P	45.72	48.26
A2546H-2X20P	48.26	50.80
A2546H-2X21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2546H-2X22P	53.34	55.88
A2546H-2X23P	55.88	58.42
A2546H-2X24P	58.42	60.96
A2546H-2X25P	60.96	63.50
A2546H-2X26P	63.50	66.04
A2546H-2X27P	66.04	68.58
A2546H-2X28P	68.58	71.12
A2546H-2X29P	71.12	73.66
A2546H-2X30P	73.66	76.20
A2546H-2X31P	76.20	78.74
A2546H-2X32P	78.74	81.28
A2546H-2X33P	81.28	83.82
A2546H-2X34P	83.82	86.36
A2546H-2X35P	86.36	88.90
A2546H-2X36P	88.90	91.44
A2546H-2X37P	91.44	93.98
A2546H-2X38P	93.98	96.52
A2546H-2X39P	96.52	99.06
A2546H-2X40P	99.06	101.60

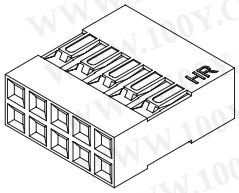
Unit:mm

A2546HA-2

2.54mm pitch Dual Row Housing - REVERSE TYPE

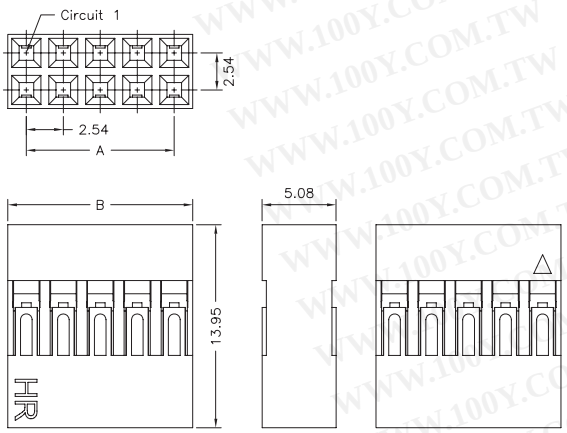
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2541 series Terminal or A2545M series Terminal
*Mates with H.R A2546 series dual row Pin Header
or A2548 series dual row Box Header



A2546HA-2X05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2546HA-2X02P	2.54	5.08
A2546HA-2X03P	5.08	7.62
A2546HA-2X04P	7.62	10.16
A2546HA-2X05P	10.16	12.70
A2546HA-2X06P	12.70	15.24
A2546HA-2X07P	15.24	17.78
A2546HA-2X08P	17.78	20.32
A2546HA-2X09P	20.32	22.86
A2546HA-2X10P	22.86	25.40
A2546HA-2X11P	25.40	27.94
A2546HA-2X12P	27.94	30.48
A2546HA-2X13P	30.48	33.02
A2546HA-2X14P	33.02	35.56
A2546HA-2X15P	35.56	38.10
A2546HA-2X16P	38.10	40.64
A2546HA-2X17P	40.64	43.18
A2546HA-2X18P	43.18	45.72
A2546HA-2X19P	45.72	48.26
A2546HA-2X20P	48.26	50.80
A2546HA-2X21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2546HA-2X22P	53.34	55.88
A2546HA-2X23P	55.88	58.42
A2546HA-2X24P	58.42	60.96
A2546HA-2X25P	60.96	63.50
A2546HA-2X26P	63.50	66.04
A2546HA-2X27P	66.04	68.58
A2546HA-2X28P	68.58	71.12
A2546HA-2X29P	71.12	73.66
A2546HA-2X30P	73.66	76.20
A2546HA-2X31P	76.20	78.74
A2546HA-2X32P	78.74	81.28
A2546HA-2X33P	81.28	83.82
A2546HA-2X34P	83.82	86.36
A2546HA-2X35P	86.36	88.90
A2546HA-2X36P	88.90	91.44
A2546HA-2X37P	91.44	93.98
A2546HA-2X38P	93.98	96.52
A2546HA-2X39P	96.52	99.06
A2546HA-2X40P	99.06	101.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

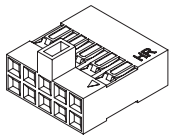
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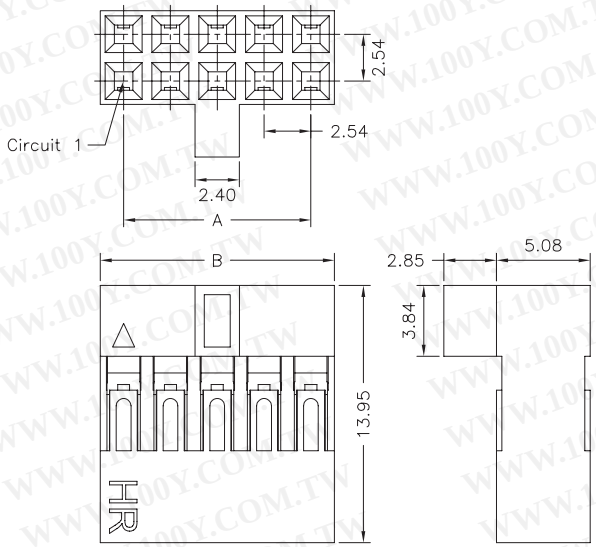
2.54mm pitch Dual Row Housing With Nose

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A2541 series Terminal or A2545M series Terminal
*Mates with H.R A2546 series dual row Pin Header or A2548 series dual row Box Header

A2546H-N-2X05P N ① 0 ② B ③ NP ④ N ⑤ 00 ⑥ G ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions A	Dimensions B
A2546H-N-2X02P	2.54	5.08
A2546H-N-2X03P	5.08	7.62
A2546H-N-2X04P	7.62	10.16
A2546H-N-2X05P	10.16	12.70
A2546H-N-2X06P	12.70	15.24
A2546H-N-2X07P	15.24	17.78
A2546H-N-2X08P	17.78	20.32
A2546H-N-2X09P	20.32	22.86
A2546H-N-2X10P	22.86	25.40
A2546H-N-2X11P	25.40	27.94
A2546H-N-2X12P	27.94	30.48
A2546H-N-2X13P	30.48	33.02
A2546H-N-2X14P	33.02	35.56
A2546H-N-2X15P	35.56	38.10
A2546H-N-2X16P	38.10	40.64
A2546H-N-2X17P	40.64	43.18
A2546H-N-2X18P	43.18	45.72
A2546H-N-2X19P	45.72	48.26
A2546H-N-2X20P	48.26	50.80
A2546H-N-2X21P	50.80	53.34

PART NO.	Dimensions A	Dimensions B
A2546H-N-2X22P	53.34	55.88
A2546H-N-2X23P	55.88	58.42
A2546H-N-2X24P	58.42	60.96
A2546H-N-2X25P	60.96	63.50
A2546H-N-2X26P	63.50	66.04
A2546H-N-2X27P	66.04	68.58
A2546H-N-2X28P	68.58	71.12
A2546H-N-2X29P	71.12	73.66
A2546H-N-2X30P	73.66	76.20
A2546H-N-2X31P	76.20	78.74
A2546H-N-2X32P	78.74	81.28
A2546H-N-2X33P	81.28	83.82
A2546H-N-2X34P	83.82	86.36
A2546H-N-2X35P	86.36	88.90
A2546H-N-2X36P	88.90	91.44
A2546H-N-2X37P	91.44	93.98
A2546H-N-2X38P	93.98	96.52
A2546H-N-2X39P	96.52	99.06
A2546H-N-2X40P	99.06	101.60

Unit:mm

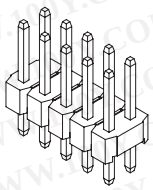
A2546WV-2

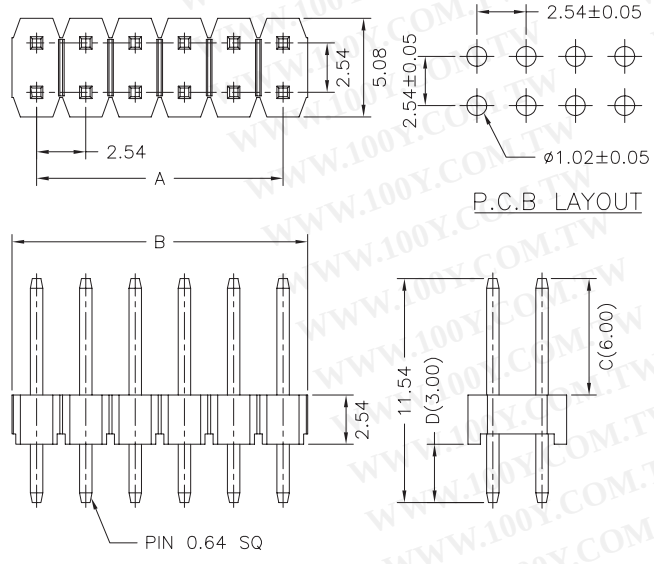
2.54mm pitch 180° Dual Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available

A2546WV-2X05P N ① P ② B ③ G1 ④ N ⑤ 00 ⑥ G ⑦
① N=Halogen Free
② Material: P=PBT, 0=Nylon 66-V0, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions A	Dimensions B
A2546WV-2X02P	2.54	5.08
A2546WV-2X03P	5.08	7.62
A2546WV-2X04P	7.62	10.16
A2546WV-2X05P	10.16	12.70
A2546WV-2X06P	12.70	15.24
A2546WV-2X07P	15.24	17.78
A2546WV-2X08P	17.78	20.32
A2546WV-2X09P	20.32	22.86
A2546WV-2X10P	22.86	25.40
A2546WV-2X11P	25.40	27.94
A2546WV-2X12P	27.94	30.48
A2546WV-2X13P	30.48	33.02
A2546WV-2X14P	33.02	35.56
A2546WV-2X15P	35.56	38.10
A2546WV-2X16P	38.10	40.64
A2546WV-2X17P	40.64	43.18
A2546WV-2X18P	43.18	45.72
A2546WV-2X19P	45.72	48.26
A2546WV-2X20P	48.26	50.80
A2546WV-2X21P	50.80	53.34

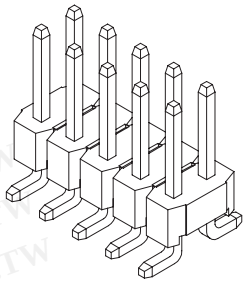
PART NO.	Dimensions A	Dimensions B
A2546WV-2X22P	53.34	55.88
A2546WV-2X23P	55.88	58.42
A2546WV-2X24P	58.42	60.96
A2546WV-2X25P	60.96	63.50
A2546WV-2X26P	63.50	66.04
A2546WV-2X27P	66.04	68.58
A2546WV-2X28P	68.58	71.12
A2546WV-2X29P	71.12	73.66
A2546WV-2X30P	73.66	76.20
A2546WV-2X31P	76.20	78.74
A2546WV-2X32P	78.74	81.28
A2546WV-2X33P	81.28	83.82
A2546WV-2X34P	83.82	86.36
A2546WV-2X35P	86.36	88.90
A2546WV-2X36P	88.90	91.44
A2546WV-2X37P	91.44	93.98
A2546WV-2X38P	93.98	96.52
A2546WV-2X39P	96.52	99.06
A2546WV-2X40P	99.06	101.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

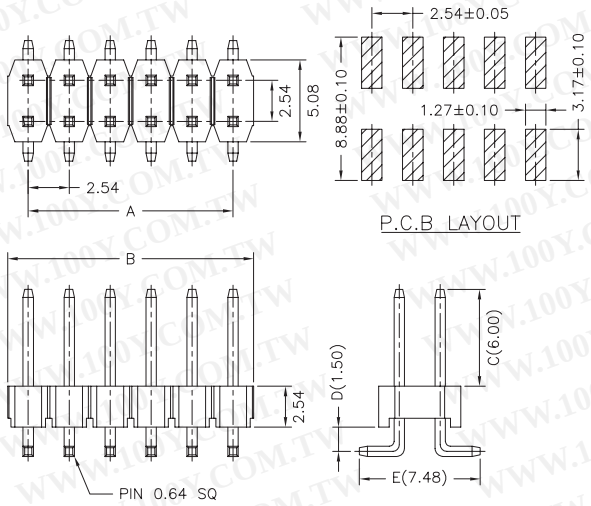
A2546WV-S-2

2.54mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

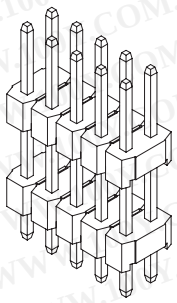
PART NO.	Dimensions	
	A	B
A2546WV-S-2X02P	2.54	5.08
A2546WV-S-2X03P	5.08	7.62
A2546WV-S-2X04P	7.62	10.16
A2546WV-S-2X05P	10.16	12.70
A2546WV-S-2X06P	12.70	15.24
A2546WV-S-2X07P	15.24	17.78
A2546WV-S-2X08P	17.78	20.32
A2546WV-S-2X09P	20.32	22.86
A2546WV-S-2X10P	22.86	25.40
A2546WV-S-2X11P	25.40	27.94
A2546WV-S-2X12P	27.94	30.48
A2546WV-S-2X13P	30.48	33.02
A2546WV-S-2X14P	33.02	35.56
A2546WV-S-2X15P	35.56	38.10
A2546WV-S-2X16P	38.10	40.64
A2546WV-S-2X17P	40.64	43.18
A2546WV-S-2X18P	43.18	45.72
A2546WV-S-2X19P	45.72	48.26
A2546WV-S-2X20P	48.26	50.80
A2546WV-S-2X21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2546WV-S-2X22P	53.34	55.88
A2546WV-S-2X23P	55.88	58.42
A2546WV-S-2X24P	58.42	60.96
A2546WV-S-2X25P	60.96	63.50
A2546WV-S-2X26P	63.50	66.04
A2546WV-S-2X27P	66.04	68.58
A2546WV-S-2X28P	68.58	71.12
A2546WV-S-2X29P	71.12	73.66
A2546WV-S-2X30P	73.66	76.20
A2546WV-S-2X31P	76.20	78.74
A2546WV-S-2X32P	78.74	81.28
A2546WV-S-2X33P	81.28	83.82
A2546WV-S-2X34P	83.82	86.36
A2546WV-S-2X35P	86.36	88.90
A2546WV-S-2X36P	88.90	91.44
A2546WV-S-2X37P	91.44	93.98
A2546WV-S-2X38P	93.98	96.52
A2546WV-S-2X39P	96.52	99.06
A2546WV-S-2X40P	99.06	101.60

Unit:mm

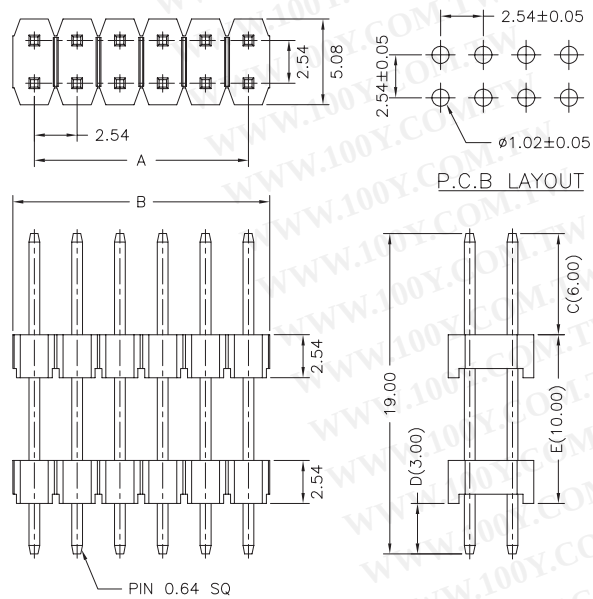
A2546WVA-2

2.54mm pitch 180° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2546WVA-2X02P	2.54	5.08
A2546WVA-2X03P	5.08	7.62
A2546WVA-2X04P	7.62	10.16
A2546WVA-2X05P	10.16	12.70
A2546WVA-2X06P	12.70	15.24
A2546WVA-2X07P	15.24	17.78
A2546WVA-2X08P	17.78	20.32
A2546WVA-2X09P	20.32	22.86
A2546WVA-2X10P	22.86	25.40
A2546WVA-2X11P	25.40	27.94
A2546WVA-2X12P	27.94	30.48
A2546WVA-2X13P	30.48	33.02
A2546WVA-2X14P	33.02	35.56
A2546WVA-2X15P	35.56	38.10
A2546WVA-2X16P	38.10	40.64
A2546WVA-2X17P	40.64	43.18
A2546WVA-2X18P	43.18	45.72
A2546WVA-2X19P	45.72	48.26
A2546WVA-2X20P	48.26	50.80
A2546WVA-2X21P	50.80	53.34

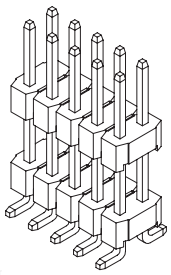
PART NO.	Dimensions	
	A	B
A2546WVA-2X22P	53.34	55.88
A2546WVA-2X23P	55.88	58.42
A2546WVA-2X24P	58.42	60.96
A2546WVA-2X25P	60.96	63.50
A2546WVA-2X26P	63.50	66.04
A2546WVA-2X27P	66.04	68.58
A2546WVA-2X28P	68.58	71.12
A2546WVA-2X29P	71.12	73.66
A2546WVA-2X30P	73.66	76.20
A2546WVA-2X31P	76.20	78.74
A2546WVA-2X32P	78.74	81.28
A2546WVA-2X33P	81.28	83.82
A2546WVA-2X34P	83.82	86.36
A2546WVA-2X35P	86.36	88.90
A2546WVA-2X36P	88.90	91.44
A2546WVA-2X37P	91.44	93.98
A2546WVA-2X38P	93.98	96.52
A2546WVA-2X39P	96.52	99.06
A2546WVA-2X40P	99.06	101.60

Unit:mm

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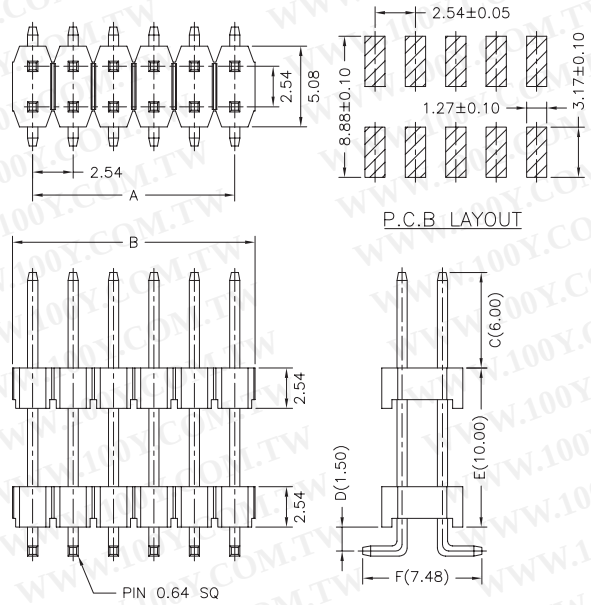
A2546WVA-S-2

2.54mm pitch 180° Dual Row Pin Header - SMT TYPE



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Optional Dim. available but MOQ requested



Ordering Information & Dimensions:

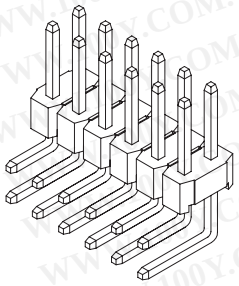
PART NO.	Dimensions	
	A	B
A2546WVA-S-2X02P	2.54	5.08
A2546WVA-S-2X03P	5.08	7.62
A2546WVA-S-2X04P	7.62	10.16
A2546WVA-S-2X05P	10.16	12.70
A2546WVA-S-2X06P	12.70	15.24
A2546WVA-S-2X07P	15.24	17.78
A2546WVA-S-2X08P	17.78	20.32
A2546WVA-S-2X09P	20.32	22.86
A2546WVA-S-2X10P	22.86	25.40
A2546WVA-S-2X11P	25.40	27.94
A2546WVA-S-2X12P	27.94	30.48
A2546WVA-S-2X13P	30.48	33.02
A2546WVA-S-2X14P	33.02	35.56
A2546WVA-S-2X15P	35.56	38.10
A2546WVA-S-2X16P	38.10	40.64
A2546WVA-S-2X17P	40.64	43.18
A2546WVA-S-2X18P	43.18	45.72
A2546WVA-S-2X19P	45.72	48.26
A2546WVA-S-2X20P	48.26	50.80
A2546WVA-S-2X21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2546WVA-S-2X22P	53.34	55.88
A2546WVA-S-2X23P	55.88	58.42
A2546WVA-S-2X24P	58.42	60.96
A2546WVA-S-2X25P	60.96	63.50
A2546WVA-S-2X26P	63.50	66.04
A2546WVA-S-2X27P	66.04	68.58
A2546WVA-S-2X28P	68.58	71.12
A2546WVA-S-2X29P	71.12	73.66
A2546WVA-S-2X30P	73.66	76.20
A2546WVA-S-2X31P	76.20	78.74
A2546WVA-S-2X32P	78.74	81.28
A2546WVA-S-2X33P	81.28	83.82
A2546WVA-S-2X34P	83.82	86.36
A2546WVA-S-2X35P	86.36	88.90
A2546WVA-S-2X36P	88.90	91.44
A2546WVA-S-2X37P	91.44	93.98
A2546WVA-S-2X38P	93.98	96.52
A2546WVA-S-2X39P	96.52	99.06
A2546WVA-S-2X40P	99.06	101.60

Unit:mm

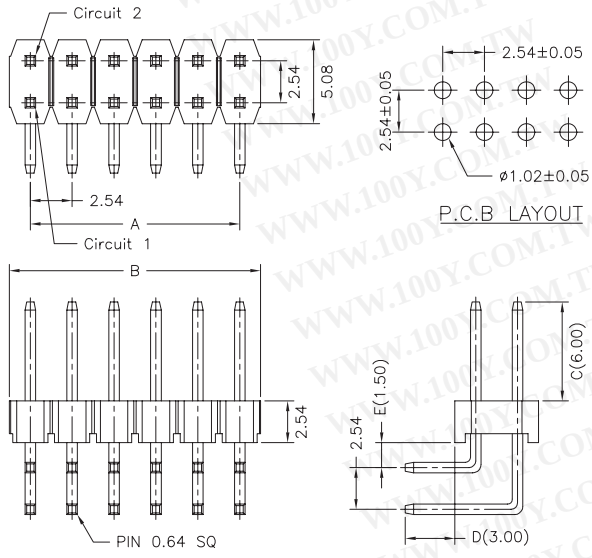
A2546WR-2

2.54mm pitch 90° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2546WR-2X02P	2.54	5.08
A2546WR-2X03P	5.08	7.62
A2546WR-2X04P	7.62	10.16
A2546WR-2X05P	10.16	12.70
A2546WR-2X06P	12.70	15.24
A2546WR-2X07P	15.24	17.78
A2546WR-2X08P	17.78	20.32
A2546WR-2X09P	20.32	22.86
A2546WR-2X10P	22.86	25.40
A2546WR-2X11P	25.40	27.94
A2546WR-2X12P	27.94	30.48
A2546WR-2X13P	30.48	33.02
A2546WR-2X14P	33.02	35.56
A2546WR-2X15P	35.56	38.10
A2546WR-2X16P	38.10	40.64
A2546WR-2X17P	40.64	43.18
A2546WR-2X18P	43.18	45.72
A2546WR-2X19P	45.72	48.26
A2546WR-2X20P	48.26	50.80
A2546WR-2X21P	50.80	53.34

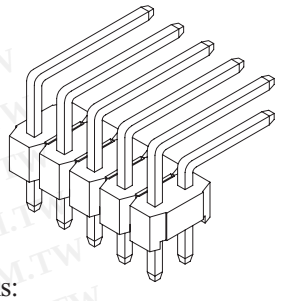
PART NO.	Dimensions	
	A	B
A2546WR-2X22P	53.34	55.88
A2546WR-2X23P	55.88	58.42
A2546WR-2X24P	58.42	60.96
A2546WR-2X25P	60.96	63.50
A2546WR-2X26P	63.50	66.04
A2546WR-2X27P	66.04	68.58
A2546WR-2X28P	68.58	71.12
A2546WR-2X29P	71.12	73.66
A2546WR-2X30P	73.66	76.20
A2546WR-2X31P	76.20	78.74
A2546WR-2X32P	78.74	81.28
A2546WR-2X33P	81.28	83.82
A2546WR-2X34P	83.82	86.36
A2546WR-2X35P	86.36	88.90
A2546WR-2X36P	88.90	91.44
A2546WR-2X37P	91.44	93.98
A2546WR-2X38P	93.98	96.52
A2546WR-2X39P	96.52	99.06
A2546WR-2X40P	99.06	101.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

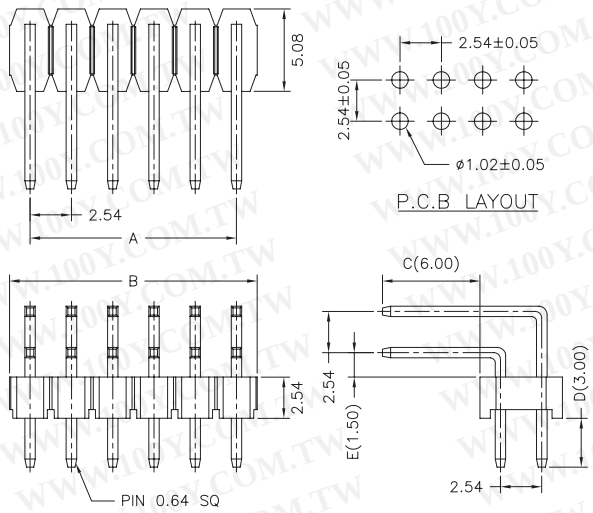
A2546WRA-2

2.54mm pitch 90° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available



Ordering Information & Dimensions:

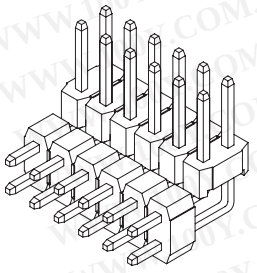
PART NO.	Dimensions	
	A	B
A2546WRA-2X02P	2.54	5.08
A2546WRA-2X03P	5.08	7.62
A2546WRA-2X04P	7.62	10.16
A2546WRA-2X05P	10.16	12.70
A2546WRA-2X06P	12.70	15.24
A2546WRA-2X07P	15.24	17.78
A2546WRA-2X08P	17.78	20.32
A2546WRA-2X09P	20.32	22.86
A2546WRA-2X10P	22.86	25.40
A2546WRA-2X11P	25.40	27.94
A2546WRA-2X12P	27.94	30.48
A2546WRA-2X13P	30.48	33.02
A2546WRA-2X14P	33.02	35.56
A2546WRA-2X15P	35.56	38.10
A2546WRA-2X16P	38.10	40.64
A2546WRA-2X17P	40.64	43.18
A2546WRA-2X18P	43.18	45.72
A2546WRA-2X19P	45.72	48.26
A2546WRA-2X20P	48.26	50.80
A2546WRA-2X21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2546WRA-2X22P	53.34	55.88
A2546WRA-2X23P	55.88	58.42
A2546WRA-2X24P	58.42	60.96
A2546WRA-2X25P	60.96	63.50
A2546WRA-2X26P	63.50	66.04
A2546WRA-2X27P	66.04	68.58
A2546WRA-2X28P	68.58	71.12
A2546WRA-2X29P	71.12	73.66
A2546WRA-2X30P	73.66	76.20
A2546WRA-2X31P	76.20	78.74
A2546WRA-2X32P	78.74	81.28
A2546WRA-2X33P	81.28	83.82
A2546WRA-2X34P	83.82	86.36
A2546WRA-2X35P	86.36	88.90
A2546WRA-2X36P	88.90	91.44
A2546WRA-2X37P	91.44	93.98
A2546WRA-2X38P	93.98	96.52
A2546WRA-2X39P	96.52	99.06
A2546WRA-2X40P	99.06	101.60

Unit:mm

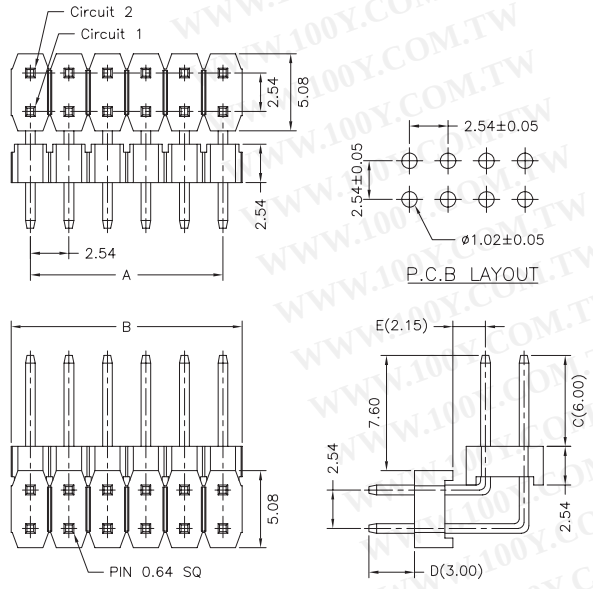
A2546WRB-2

2.54mm pitch 90° Dual Row Pin Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Optional Dim. available but MOQ requested
*Nylon 6T or Nylon 66 is available



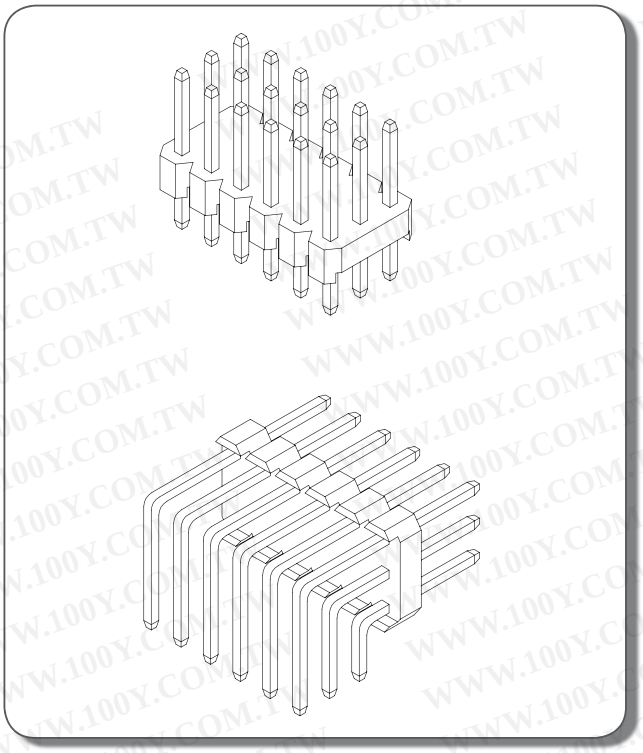
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2546WRB-2X02P	2.54	5.08
A2546WRB-2X03P	5.08	7.62
A2546WRB-2X04P	7.62	10.16
A2546WRB-2X05P	10.16	12.70
A2546WRB-2X06P	12.70	15.24
A2546WRB-2X07P	15.24	17.78
A2546WRB-2X08P	17.78	20.32
A2546WRB-2X09P	20.32	22.86
A2546WRB-2X10P	22.86	25.40
A2546WRB-2X11P	25.40	27.94
A2546WRB-2X12P	27.94	30.48
A2546WRB-2X13P	30.48	33.02
A2546WRB-2X14P	33.02	35.56
A2546WRB-2X15P	35.56	38.10
A2546WRB-2X16P	38.10	40.64
A2546WRB-2X17P	40.64	43.18
A2546WRB-2X18P	43.18	45.72
A2546WRB-2X19P	45.72	48.26
A2546WRB-2X20P	48.26	50.80
A2546WRB-2X21P	50.80	53.34

PART NO.	Dimensions	
	A	B
A2546WRB-2X22P	53.34	55.88
A2546WRB-2X23P	55.88	58.42
A2546WRB-2X24P	58.42	60.96
A2546WRB-2X25P	60.96	63.50
A2546WRB-2X26P	63.50	66.04
A2546WRB-2X27P	66.04	68.58
A2546WRB-2X28P	68.58	71.12
A2546WRB-2X29P	71.12	73.66
A2546WRB-2X30P	73.66	76.20
A2546WRB-2X31P	76.20	78.74
A2546WRB-2X32P	78.74	81.28
A2546WRB-2X33P	81.28	83.82
A2546WRB-2X34P	83.82	86.36
A2546WRB-2X35P	86.36	88.90
A2546WRB-2X36P	88.90	91.44
A2546WRB-2X37P	91.44	93.98
A2546WRB-2X38P	93.98	96.52
A2546WRB-2X39P	96.52	99.06
A2546WRB-2X40P	99.06	101.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Ordering code

❶ A2547 ❷ WV – ❸ 3X ❹ 05P

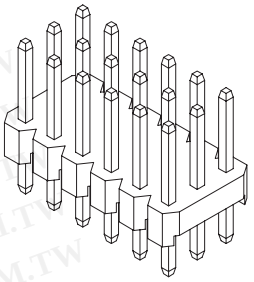
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ 3X=Triple row
❹ No. of circuits

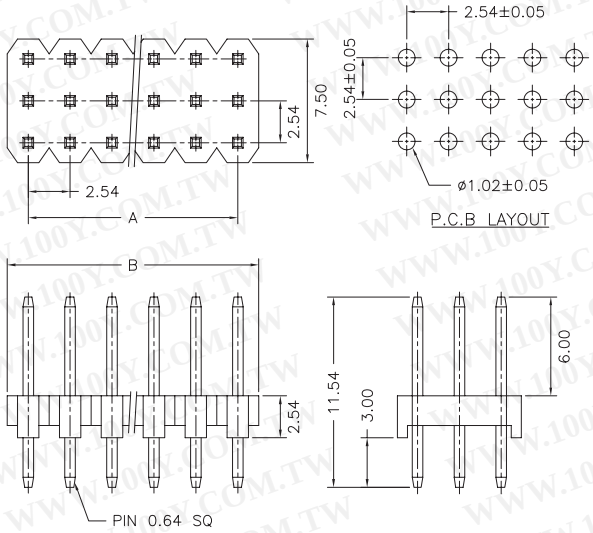
A2547WV-3

2.54mm pitch 180° Triple Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2547WV-3X02P	2.54	5.08	A2547WV-3X22P	53.34	55.88
A2547WV-3X03P	5.08	7.62	A2547WV-3X23P	55.88	58.42
A2547WV-3X04P	7.62	10.16	A2547WV-3X24P	58.42	60.96
A2547WV-3X05P	10.16	12.70	A2547WV-3X25P	60.96	63.50
A2547WV-3X06P	12.70	15.24	A2547WV-3X26P	63.50	66.04
A2547WV-3X07P	15.24	17.78	A2547WV-3X27P	66.04	68.58
A2547WV-3X08P	17.78	20.32	A2547WV-3X28P	68.58	71.12
A2547WV-3X09P	20.32	22.86	A2547WV-3X29P	71.12	73.66
A2547WV-3X10P	22.86	25.40	A2547WV-3X30P	73.66	76.20
A2547WV-3X11P	25.40	27.94	A2547WV-3X31P	76.20	78.74
A2547WV-3X12P	27.94	30.48	A2547WV-3X32P	78.74	81.28
A2547WV-3X13P	30.48	33.02	A2547WV-3X33P	81.28	83.82
A2547WV-3X14P	33.02	35.56	A2547WV-3X34P	83.82	86.36
A2547WV-3X15P	35.56	38.10	A2547WV-3X35P	86.36	88.90
A2547WV-3X16P	38.10	40.64	A2547WV-3X36P	88.90	91.44
A2547WV-3X17P	40.64	43.18	A2547WV-3X37P	91.44	93.98
A2547WV-3X18P	43.18	45.72	A2547WV-3X38P	93.98	96.52
A2547WV-3X19P	45.72	48.26	A2547WV-3X39P	96.52	99.06
A2547WV-3X20P	48.26	50.80	A2547WV-3X40P	99.06	101.60
A2547WV-3X21P	50.80	53.34			

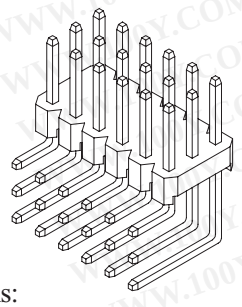
Unit:mm

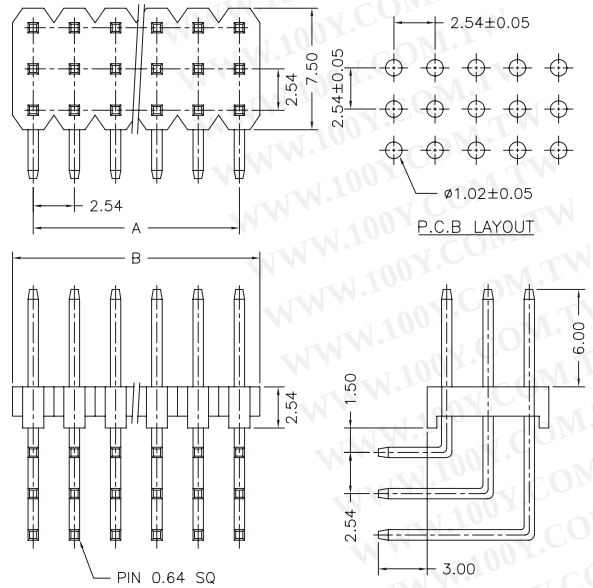
A2547WR-3

2.54mm pitch 90° Triple Row Pin Header

Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT30%GF,UL94V-0



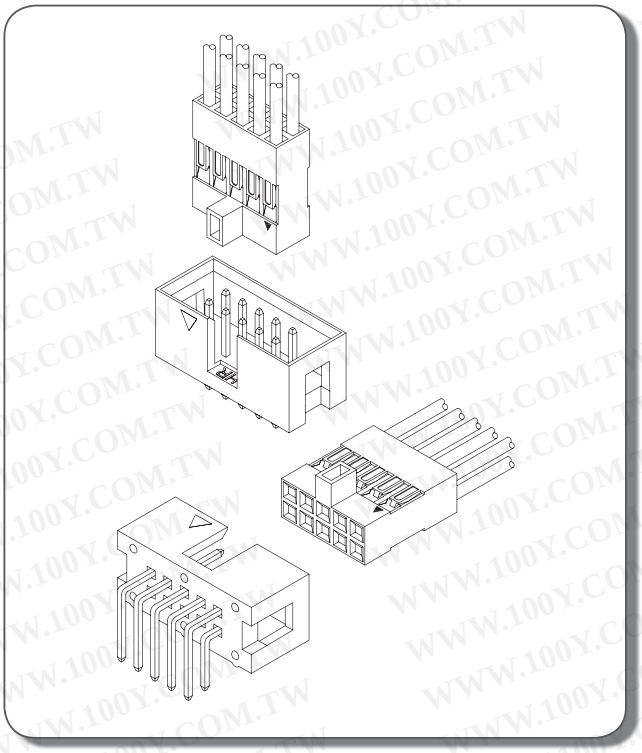


Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
A2547WR-3X02P	2.54	5.08	A2547WR-3X22P	53.34	55.88
A2547WR-3X03P	5.08	7.62	A2547WR-3X23P	55.88	58.42
A2547WR-3X04P	7.62	10.16	A2547WR-3X24P	58.42	60.96
A2547WR-3X05P	10.16	12.70	A2547WR-3X25P	60.96	63.50
A2547WR-3X06P	12.70	15.24	A2547WR-3X26P	63.50	66.04
A2547WR-3X07P	15.24	17.78	A2547WR-3X27P	66.04	68.58
A2547WR-3X08P	17.78	20.32	A2547WR-3X28P	68.58	71.12
A2547WR-3X09P	20.32	22.86	A2547WR-3X29P	71.12	73.66
A2547WR-3X10P	22.86	25.40	A2547WR-3X30P	73.66	76.20
A2547WR-3X11P	25.40	27.94	A2547WR-3X31P	76.20	78.74
A2547WR-3X12P	27.94	30.48	A2547WR-3X32P	78.74	81.28
A2547WR-3X13P	30.48	33.02	A2547WR-3X33P	81.28	83.82
A2547WR-3X14P	33.02	35.56	A2547WR-3X34P	83.82	86.36
A2547WR-3X15P	35.56	38.10	A2547WR-3X35P	86.36	88.90
A2547WR-3X16P	38.10	40.64	A2547WR-3X36P	88.90	91.44
A2547WR-3X17P	40.64	43.18	A2547WR-3X37P	91.44	93.98
A2547WR-3X18P	43.18	45.72	A2547WR-3X38P	93.98	96.52
A2547WR-3X19P	45.72	48.26	A2547WR-3X39P	96.52	99.06
A2547WR-3X20P	48.26	50.80	A2547WR-3X40P	99.06	101.60
A2547WR-3X21P	50.80	53.34			

Unit:mm

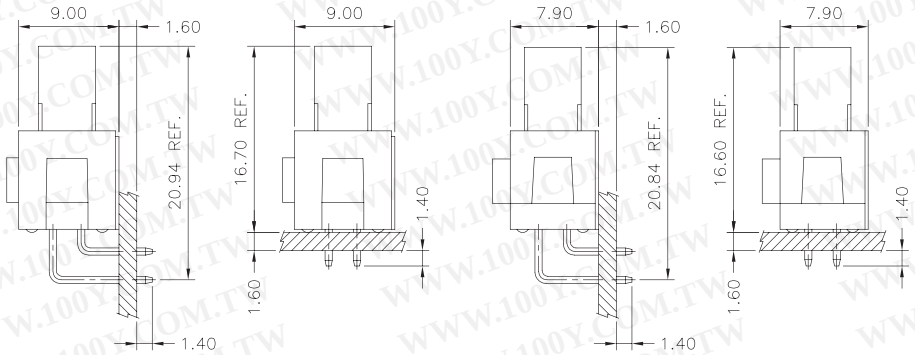
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Assembly layout



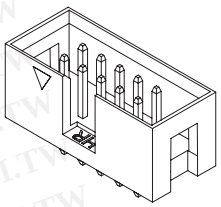
Ordering code

❶	❷	❸	❹	❺	❻
A2548	WV	A	– 2X	05P	46

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
A=A type
❹ 2X=Dual row
❺ No. of circuits
❻ Option code:
46=Nylon 46,Black
6T=Nylon 6T, Black

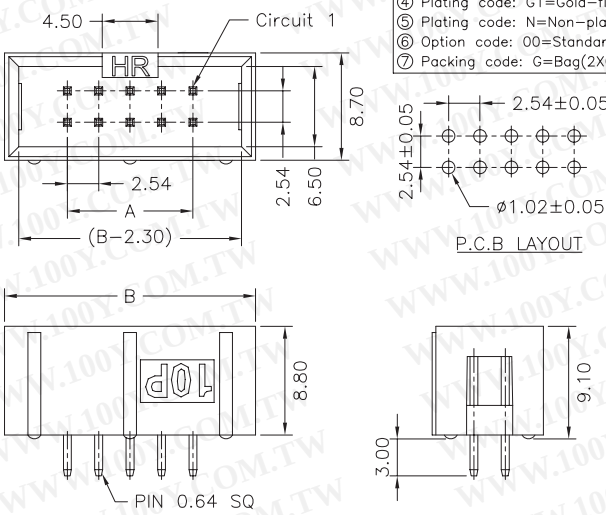
A2548WV-2

2.54mm pitch 180˚ Box Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer: PBT15%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Nylon 46 or Nylon 6T is available



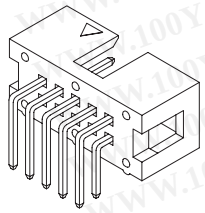
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2548WV-2X03P	5.08	15.24
A2548WV-2X04P	7.62	17.78
A2548WV-2X05P	10.16	20.32
A2548WV-2X06P	12.70	22.86
A2548WV-2X07P	15.24	25.40
A2548WV-2X08P	17.78	27.94
A2548WV-2X10P	22.86	33.02
A2548WV-2X12P	27.94	38.10
A2548WV-2X13P	30.48	40.64
A2548WV-2X15P	35.56	45.72
A2548WV-2X17P	40.64	50.80
A2548WV-2X20P	48.26	58.42
A2548WV-2X22P	53.34	63.50
A2548WV-2X24P	58.42	68.58
A2548WV-2X25P	60.96	71.12
A2548WV-2X30P	73.66	83.82
A2548WV-2X32P	78.74	88.90

Unit:mm

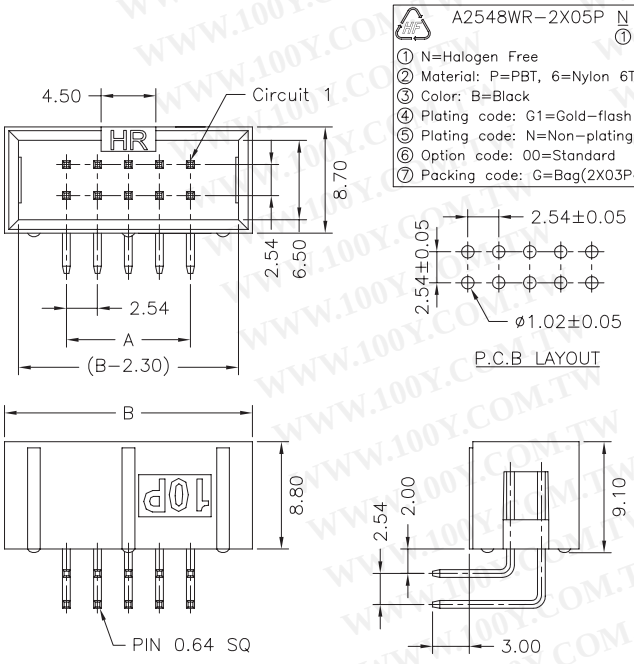
A2548WR-2

2.54mm pitch 90° Box Header



Reference Informations:

*Material: Pin: Brass/Gold-flash
Wafer:PBT15%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Nylon 46 or Nylon 6T is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2548WR-2X03P	5.08	15.24
A2548WR-2X04P	7.62	17.78
A2548WR-2X05P	10.16	20.32
A2548WR-2X06P	12.70	22.86
A2548WR-2X07P	15.24	25.40
A2548WR-2X08P	17.78	27.94
A2548WR-2X10P	22.86	33.02
A2548WR-2X12P	27.94	38.10
A2548WR-2X13P	30.48	40.64
A2548WR-2X15P	35.56	45.72
A2548WR-2X17P	40.64	50.80
A2548WR-2X20P	48.26	58.42
A2548WR-2X22P	53.34	63.50
A2548WR-2X24P	58.42	68.58
A2548WR-2X25P	60.96	71.12
A2548WR-2X30P	73.66	83.82
A2548WR-2X32P	78.74	88.90

Unit:mm

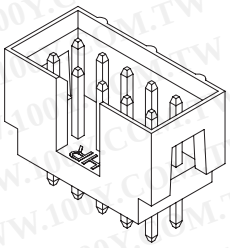
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

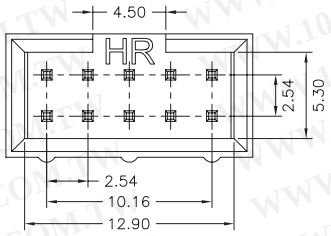
A2548WVA-2X05P

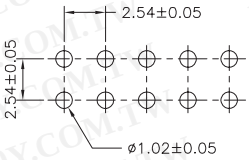
2.54mm pitch 180° Box Header

Reference Informations:

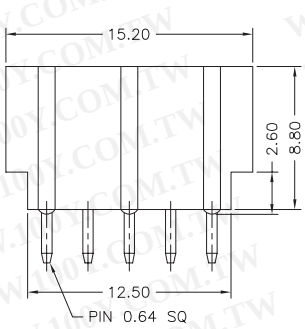
*Material: Pin: Brass/Gold-flash
Wafer: PBT15%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Nylon 46 or Nylon 6T is available

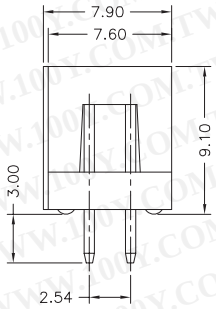






P.C.B LAYOUT





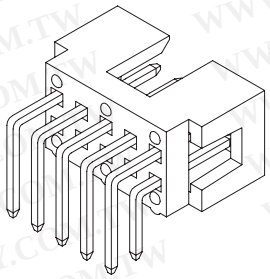
A2548WVA-2X05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

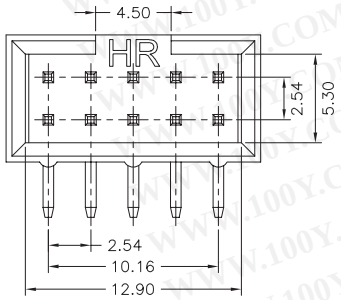
A2548WRA-2X05P

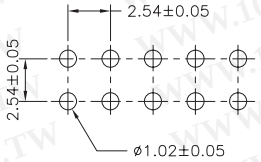
2.54mm pitch 90° Box Header

Reference Informations:

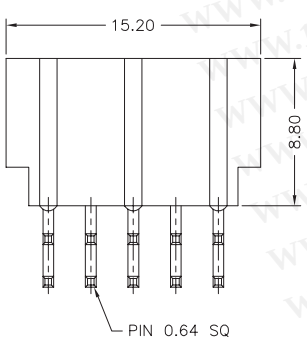
*Material: Pin: Brass/Gold-flash
Wafer: PBT15%GF,UL94V-0
*Mates with H.R A2546 series dual row Housing
*Nylon 46 or Nylon 6T is available

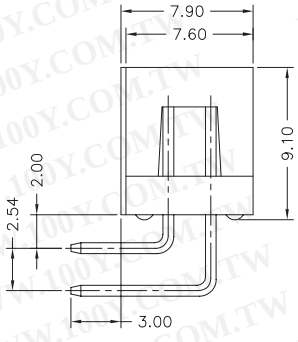




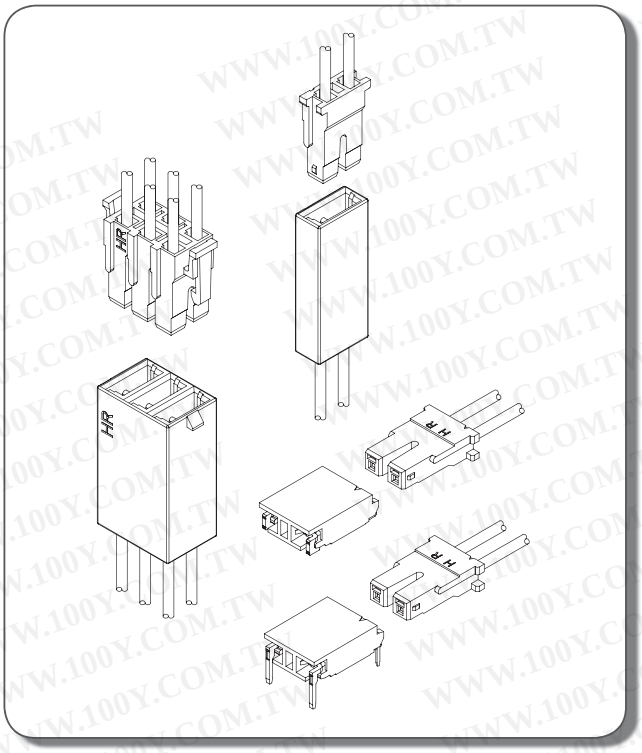


P.C.B LAYOUT





A2548WRA-2X05P N P B G1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



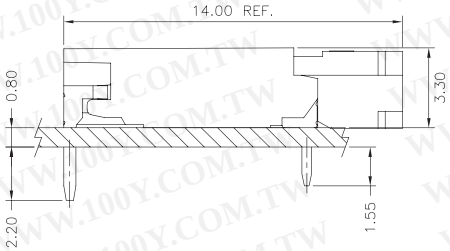
Specifications

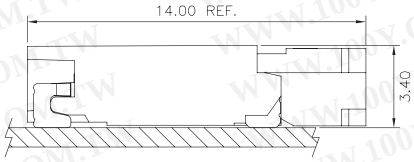
Current rating: 1A AC,DC
Voltage rating: 1400V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 3800V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout





Ordering code

❶ ❷ ❸ ❹ ❺ ❻
A3500 M- T P E -1

❶ Series No.
❷ Terminal type: Blank=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor bronze
❺ E=Stamping before plating
❻ Option code: -1=Type 1

❶ ❷ ❸ ❹ ❺
A3500 H M- 2X 03P

❶ Series No.
❷ H=Housing
❸ Blank=Receptacle, M=Plug
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits

❶ ❷ ❸ ❹ ❺
A3500 WR -S- 02P D01

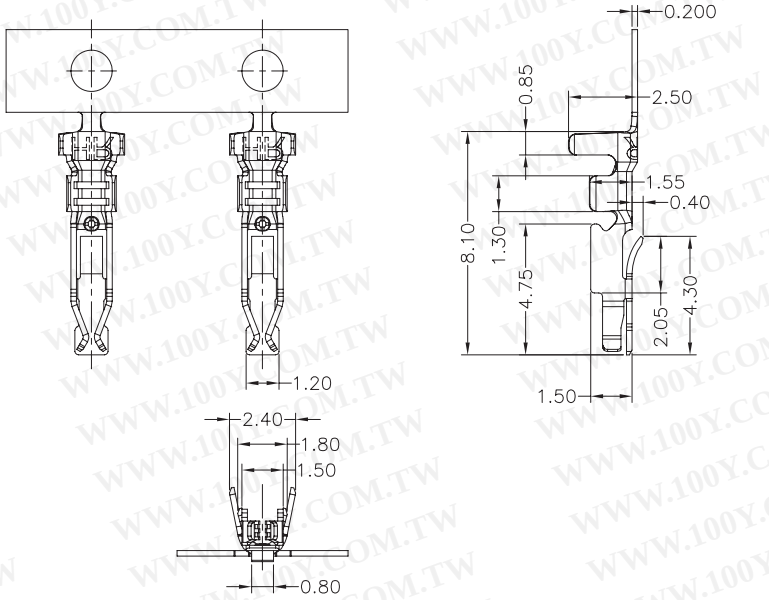
❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: Blank=Through hole
-S=SMT
❹ No. of circuits
❺ Option code:
D01=Gold-flash, Taping reel(SMT type only)

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A3500-T 3.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3500H series Housing



Ordering Information & Specifications: Unit:mm

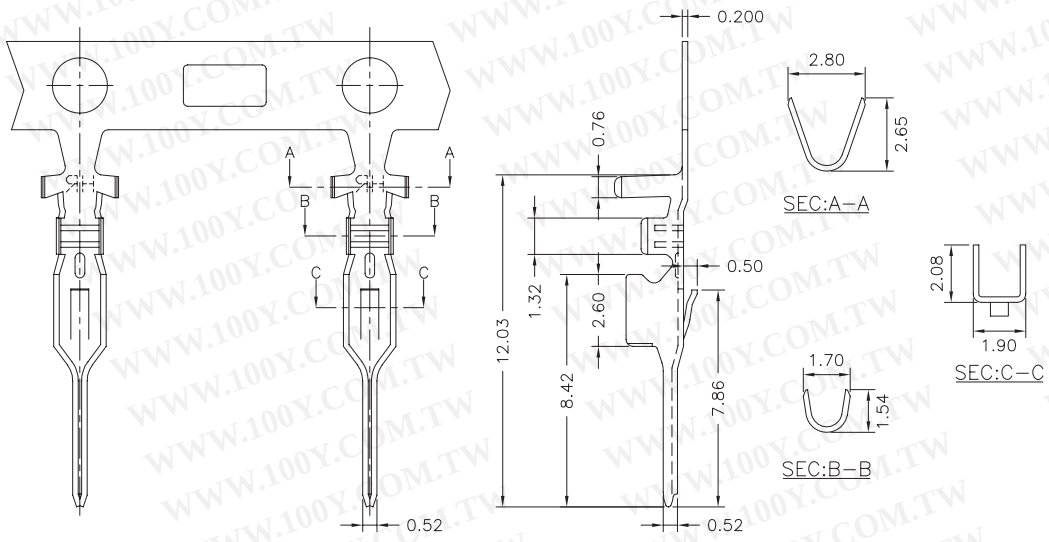
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3500-TPE	AWG#24-#28	1.60mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

A3500M-T 3.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3500HM series Housing



Ordering Information & Specifications: Unit:mm

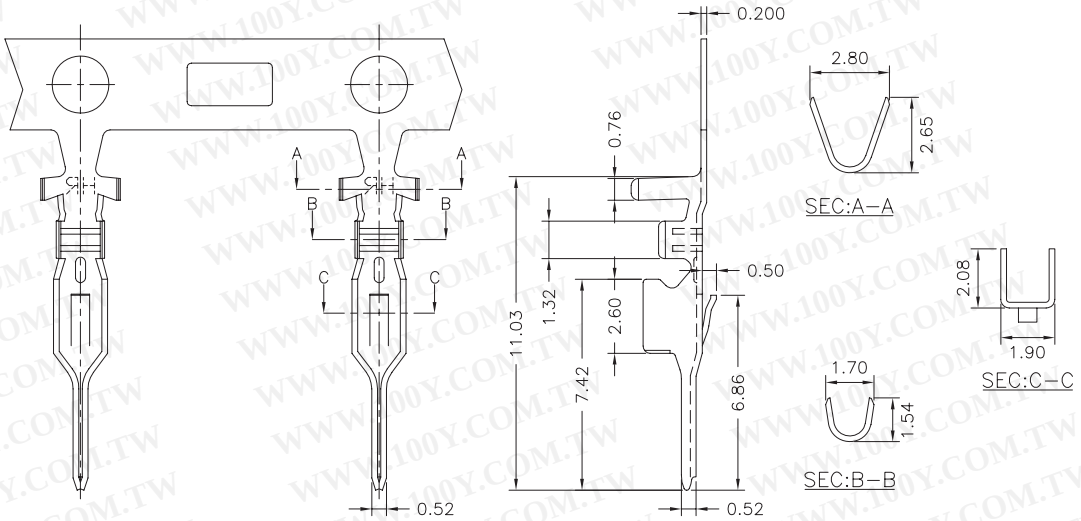
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3500M-TPE	AWG#24-#28	1.80mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

A3500M-T 3.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3500HM series Housing



Ordering Information & Specifications: Unit:mm

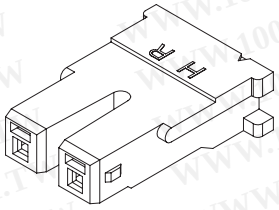
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3500M-TPE-1	AWG#24-#28	1.80mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

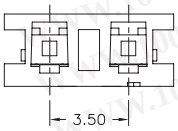
Note:E-Stamping before Tin-plated

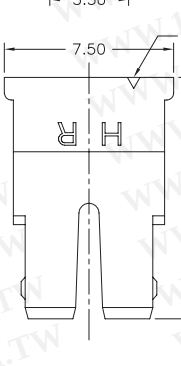
A3500H-02P 3.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3500 series Terminal
*Mates with H.R A3500HM series Housing or A3500 series Wafer







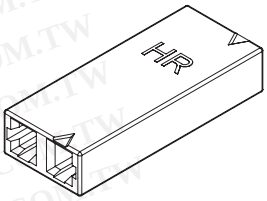
A3500H-02P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

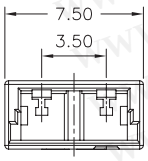
A3500HM-02P

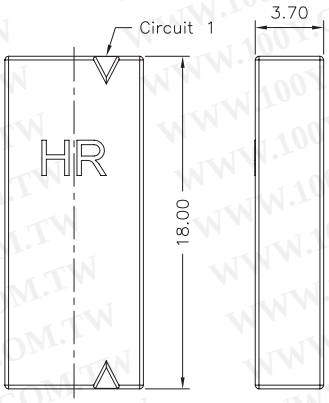
3.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3500M series Terminal
*Mates with H.R A3500H series Housing







A3500HM-02P N(①) 0(②) W(③) NP(④) N(⑤) 00(⑥) G(⑦)

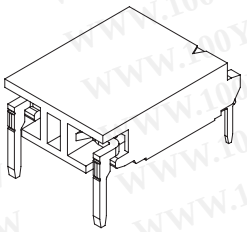
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

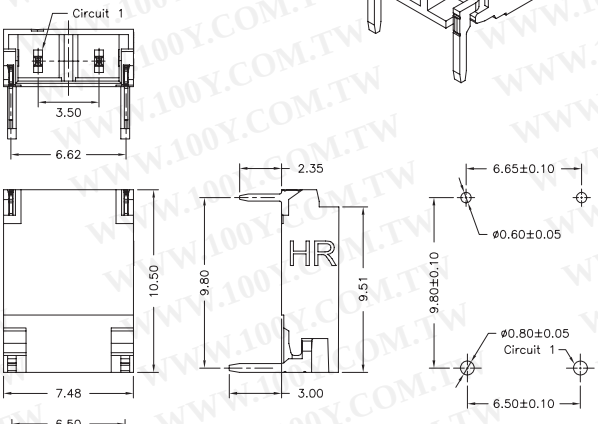
A3500WR-02P

3.50mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Pin: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A3500H series Housing





P.C.B LAYOUT

A3500WR-02P N(①) 6(②) B(③) T1(④) T(⑤) 00(⑥) T(⑦)

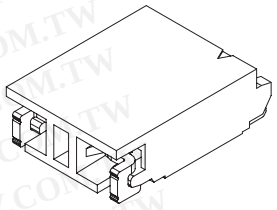
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: T=Tube

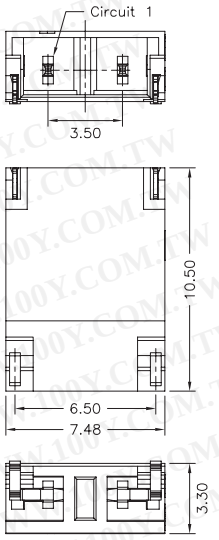
A3500WR-S-02P

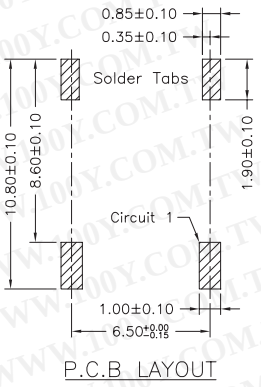
3.50mm pitch 90° Wafer - SMT TYPE

Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A3500H series Housing







P.C.B LAYOUT

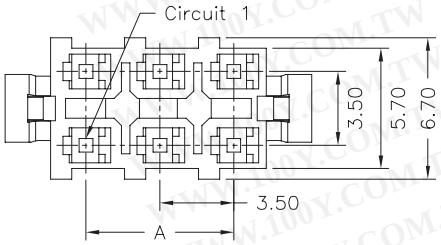
A3500WR-S-02P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

A3500H-2

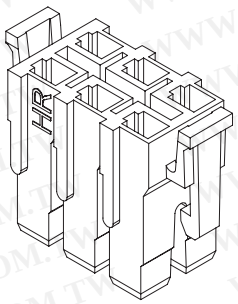
3.50mm pitch Dual Row Housing

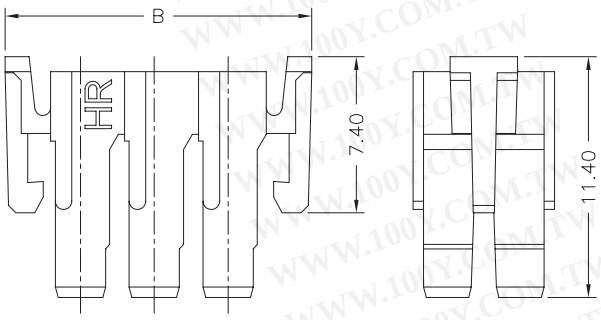
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3500 series Terminal
*Mates with H.R A3500HM series dual row Housing



A3500H-2X03P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3500H-2X03P	7.00	14.50
A3500H-2X06P	17.50	25.00

Unit:mm

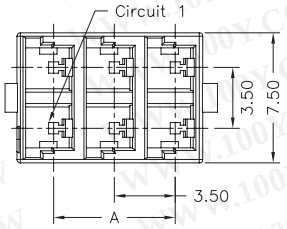
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

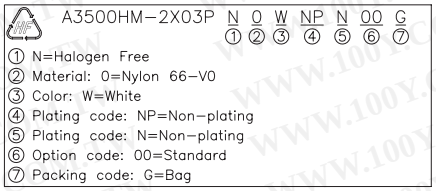
A3500HM-2

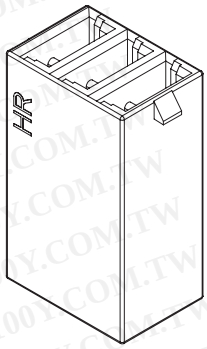
3.50mm pitch Dual Row Housing

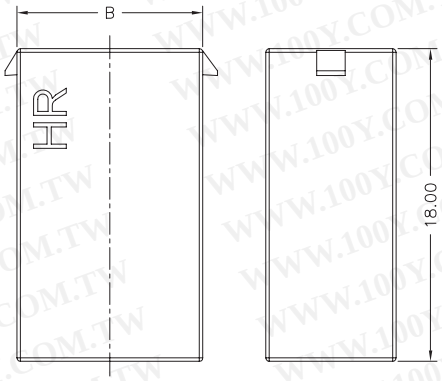
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3500M series Terminal
*Mates with H.R A3500H series dual row Housing





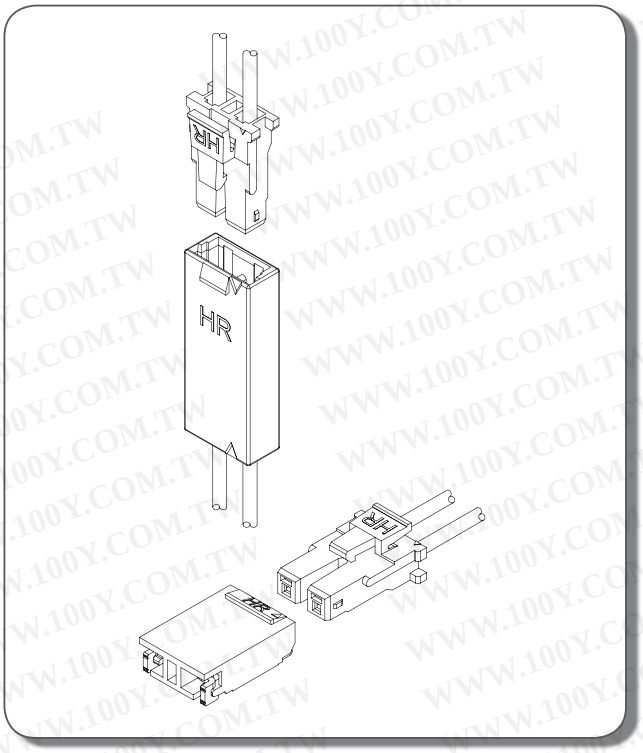




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3500HM-2X03P	7.00	10.70
A3500HM-2X06P	17.50	21.20

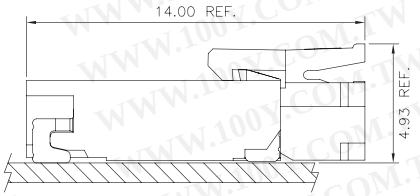
Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 1400V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 3800V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ A3501 ❷ H ❸ M – ❹ 02P ❺ -GY

❶ Series No.
❷ H=Housing
❸ Blank=Receptacle, M=Plug
❹ No. of circuits
❺ Option code:
-GY=Gray

❶ A3501 ❷ WR – ❸ S – ❹ 02P ❺ D01

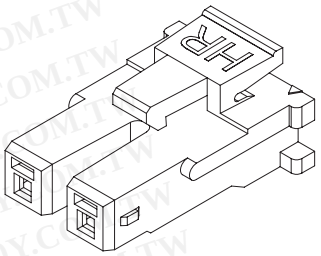
❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
D01=Gold-flash, Taping reel

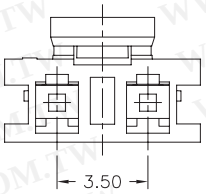
A3501H-02P

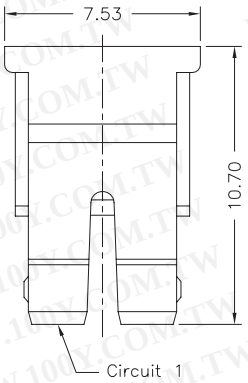
3.50mm pitch Housing

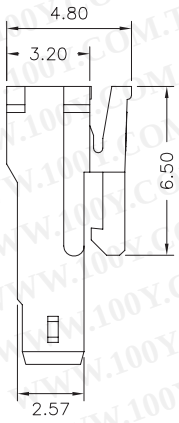
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3500 series Terminal
*Mates with H.R A3501 series Wafer









A3501H-02P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

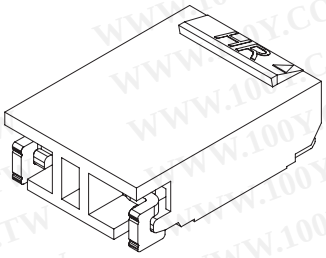
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

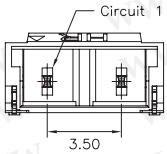
A3501WR-S-02P

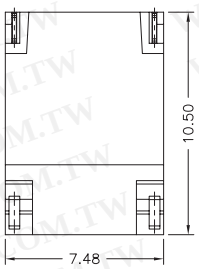
3.50mm pitch 90° Wafer - SMT TYPE

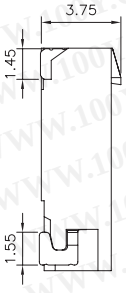
Reference Informations:

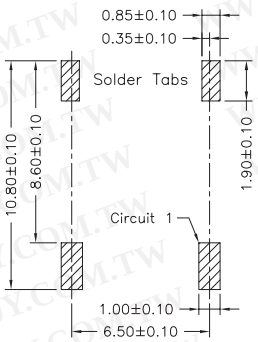
*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A3501H series Housing



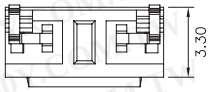








P.C.B LAYOUT



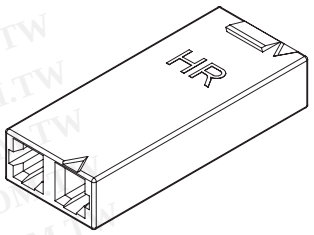
A3501WR-S-02P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

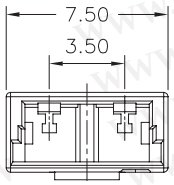
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

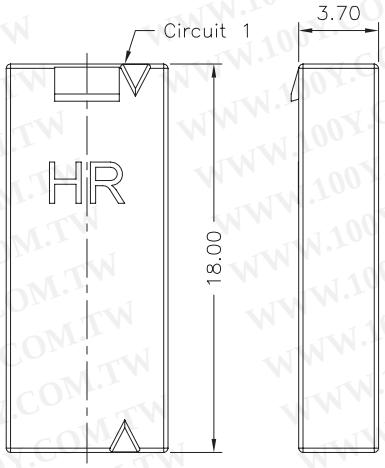
A3501HM-02P 3.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3500M series Terminal
*Mates with H.R A3501H series Housing

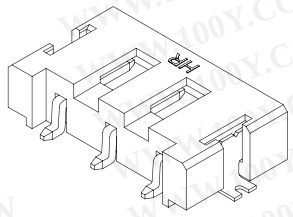


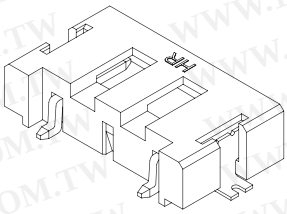




A3501HM-02P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Specifications

Current rating: 1A AC,DC
Voltage rating: 1400V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 3800V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
A3800 WR－SF－03P D01

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: SF=SMT with boss
❹ No. of circuits
❺ Option code:
D01=Gold-flash, Taping reel
DQ2=Gold-flash, Taping reel, Cut #2-pin

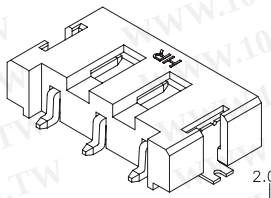
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

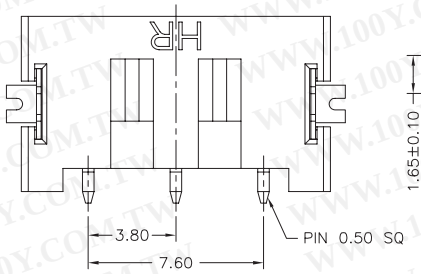
A3800WR-SF-03PD01

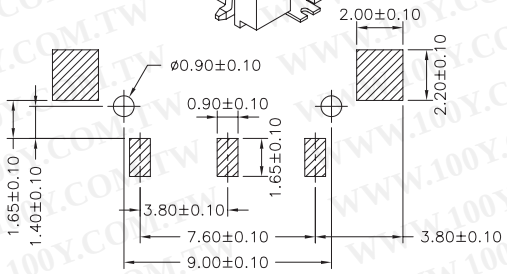
3.80mm pitch 90° Wafer - SMT TYPE

Reference Informations:

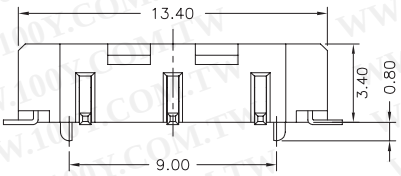
*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0

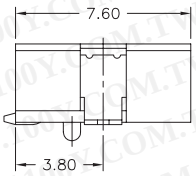






P.C.B LAYOUT





A3800WR-SF-03P N 6 B G1 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦

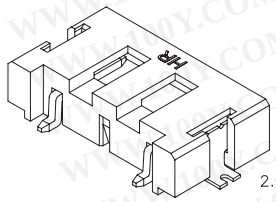
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

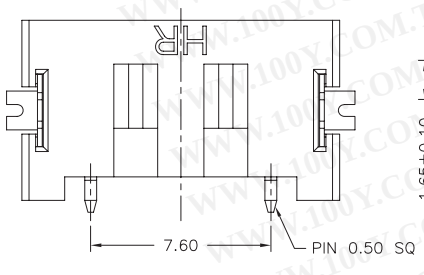
A3800WR-SF-03PDQ2

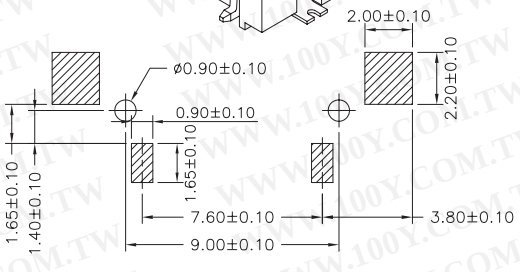
3.80mm pitch 90° Wafer - SMT TYPE

Reference Informations:

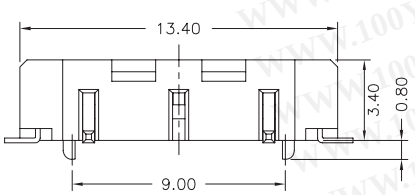
*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0

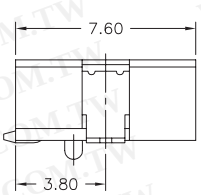






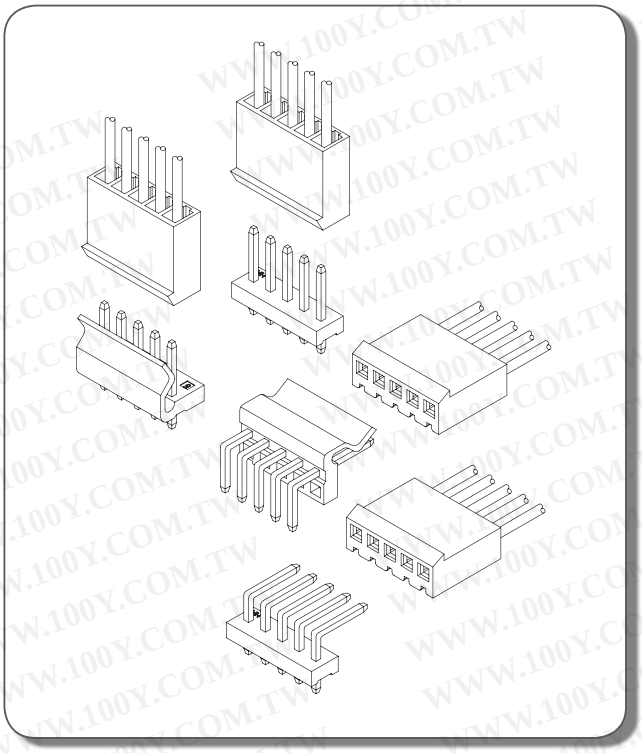
P.C.B LAYOUT





A3800WR-SF-03P N 6 B G1 G Q2 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: Q2=Cut #2-pin
⑦ Packing code: R=Tape & Reel



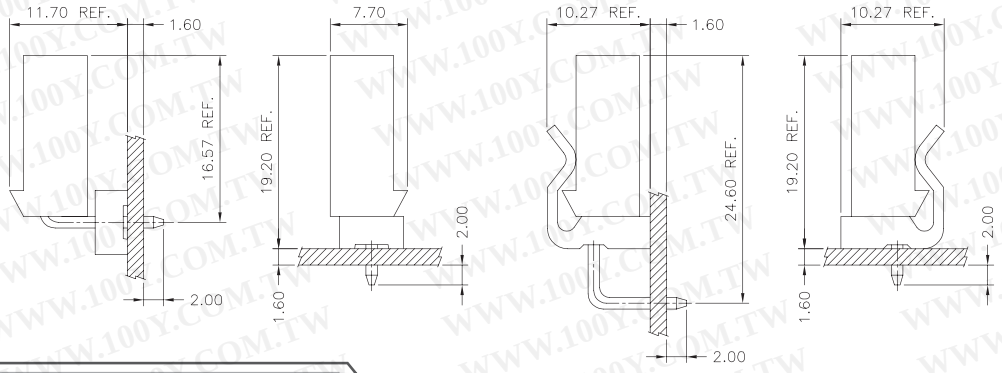
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
A3960 - T B E -S1

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: B=Brass
❹ E=Stamping before plating
❺ Option code: (Refer to drawings)

❶ ❷ ❸ ❹
A3960 H - 05P - 1

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code:
1=Type 1; 2=Type 2
1V0=UL94V-0, Type 1; 2V0=UL94V-0, Type 2

❶ ❷ ❸ ❹ ❺
A3960 WV A - 05P R

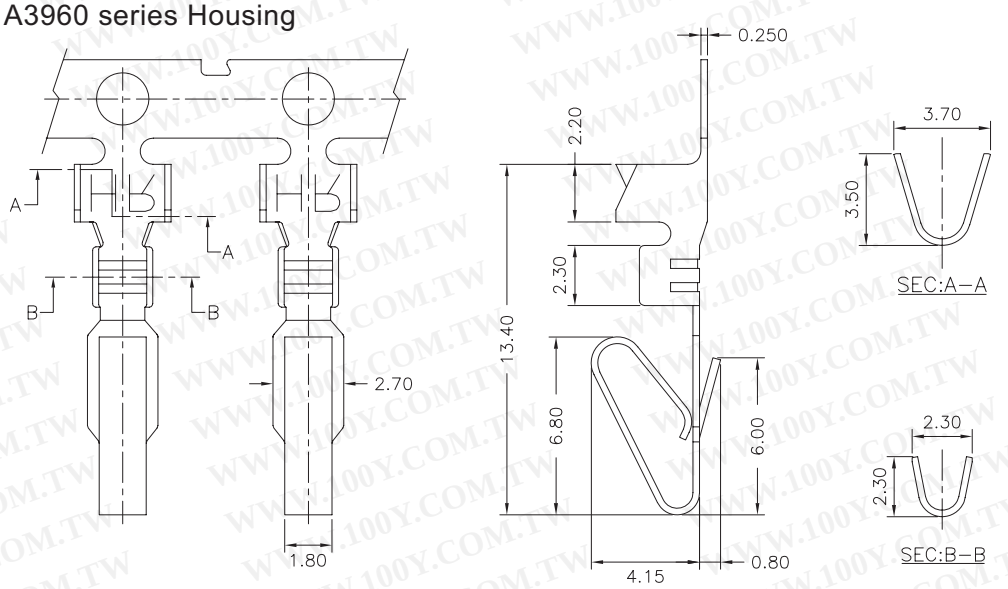
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=With locking ramp
A=Without locking ramp
❹ No. of circuits
❺ Option code:
R=Round pin(Vertical type only)
V0=UL94V-0, White
BK=UL94V-2, Black
46G=Nylon 46, Gold-flash

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A3960-T 3.96mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3960 series Housing



Ordering Information & Specifications: Unit:mm

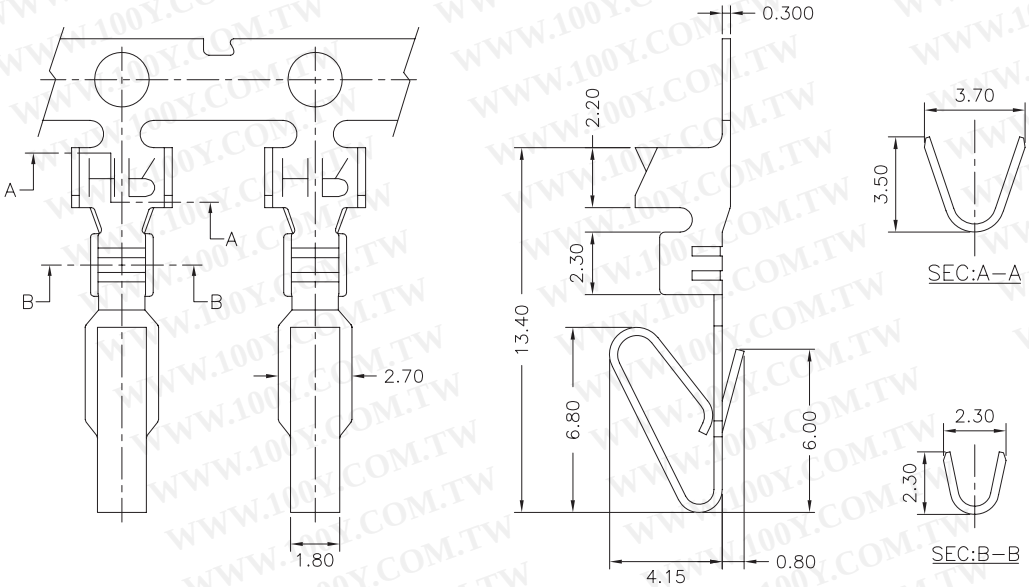
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3960-TBE	AWG#18-#24	2.80mm(max)	Brass	Tin-plated	6,000pcs
A3960-GBE	AWG#18-#24	2.80mm(max)	Brass	Gold-flash	6,000pcs

Note:E-Stamping before Tin-plated or Gold-flash

A3960-T 3.96mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3960 series Housing



Ordering Information & Specifications: Unit:mm

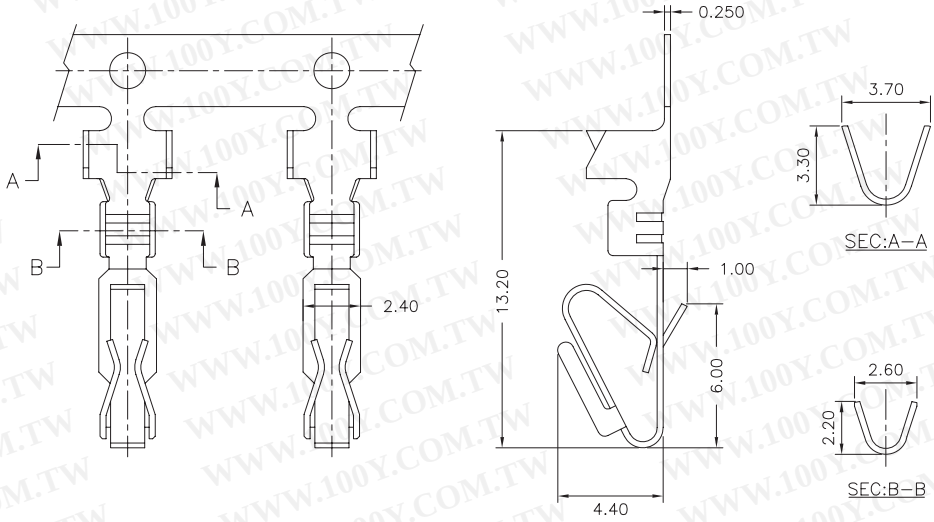
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3960-TBE-S1	AWG#18-#24	2.80mm(max)	Brass	Tin-plated	6,000pcs

Note:E-Stamping before Tin-plated

A3960-T 3.96mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3960 series Housing



Ordering Information & Specifications: Unit:mm

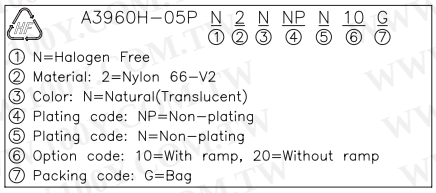
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3960-TBE-1	AWG#18-#24	2.80mm(max)	Brass	Tin-plated	6,000pcs

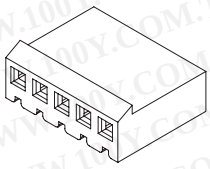
Note:E-Stamping before Tin-plated

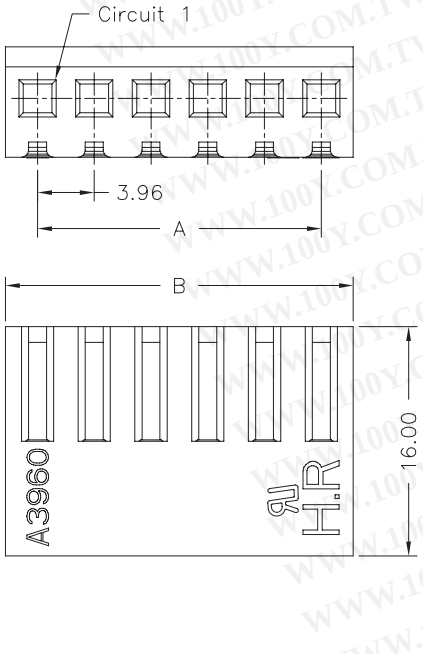
A3960H 3.96mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A3960 series Terminal
*Mates with H.R A3960 or A7920 series Wafer







Ordering Information:
A3960H-XP-＊
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3960H-02P	3.96	8.43
A3960H-03P	7.92	12.39
A3960H-04P	11.88	16.35
A3960H-05P	15.84	20.31
A3960H-06P	19.80	24.27
A3960H-07P	23.76	28.23
A3960H-08P	27.72	32.19
A3960H-09P	31.68	36.15
A3960H-10P	35.64	40.11
A3960H-11P	39.60	44.07
A3960H-12P	43.56	48.03
A3960H-13P	47.52	51.99
A3960H-14P	51.48	55.95
A3960H-15P	55.44	59.91
A3960H-16P	59.40	63.87
A3960H-17P	63.36	67.83
A3960H-18P	67.32	71.79
A3960H-19P	71.28	75.75
A3960H-20P	75.24	79.71

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

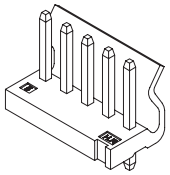
A3960WV

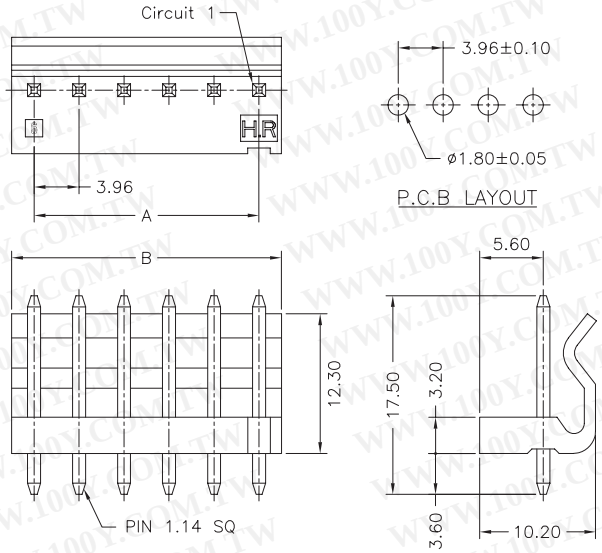
3.96mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing
*Nylon 46 is available

A3960WV-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3960WV-02P	3.96	7.92
A3960WV-03P	7.92	11.88
A3960WV-04P	11.88	15.84
A3960WV-05P	15.84	19.80
A3960WV-06P	19.80	23.76
A3960WV-07P	23.76	27.72
A3960WV-08P	27.72	31.68
A3960WV-09P	31.68	35.64
A3960WV-10P	35.64	39.60
A3960WV-11P	39.60	43.56
A3960WV-12P	43.56	47.52
A3960WV-13P	47.52	51.48
A3960WV-14P	51.48	55.44
A3960WV-15P	55.44	59.40
A3960WV-16P	59.40	63.36
A3960WV-17P	63.36	67.32
A3960WV-18P	67.32	71.28
A3960WV-19P	71.28	75.24
A3960WV-20P	75.24	79.20

Unit:mm

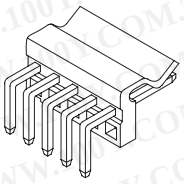
A3960WR

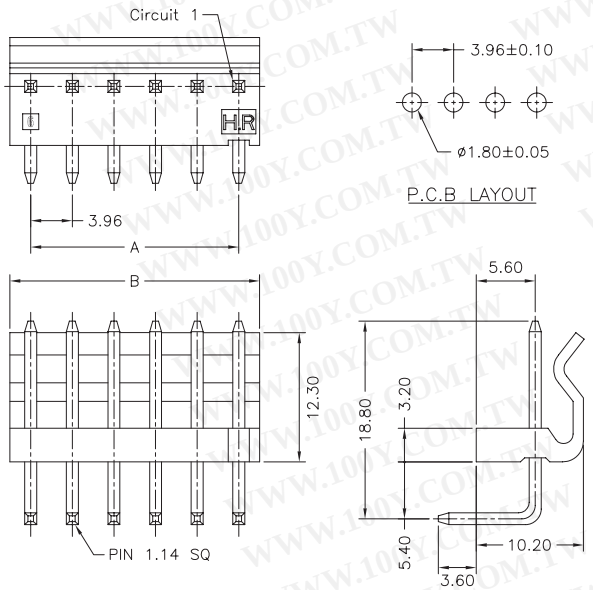
3.96mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing
*Nylon 46 is available

A3960WR-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3960WR-02P	3.96	7.92
A3960WR-03P	7.92	11.88
A3960WR-04P	11.88	15.84
A3960WR-05P	15.84	19.80
A3960WR-06P	19.80	23.76
A3960WR-07P	23.76	27.72
A3960WR-08P	27.72	31.68
A3960WR-09P	31.68	35.64
A3960WR-10P	35.64	39.60
A3960WR-11P	39.60	43.56
A3960WR-12P	43.56	47.52
A3960WR-13P	47.52	51.48
A3960WR-14P	51.48	55.44
A3960WR-15P	55.44	59.40
A3960WR-16P	59.40	63.36
A3960WR-17P	63.36	67.32
A3960WR-18P	67.32	71.28
A3960WR-19P	71.28	75.24
A3960WR-20P	75.24	79.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

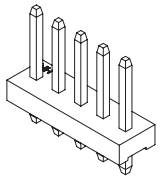
A3960WVA

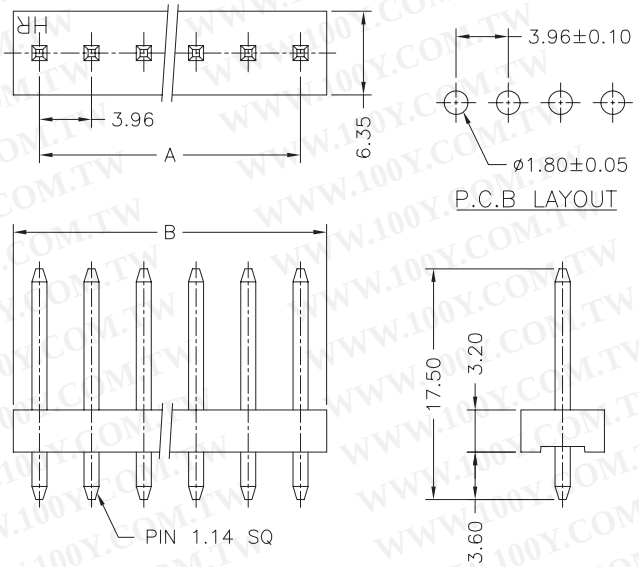
3.96mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing

A3960WVA-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3960WVA-02P	3.96	7.92
A3960WVA-03P	7.92	11.88
A3960WVA-04P	11.88	15.84
A3960WVA-05P	15.84	19.80
A3960WVA-06P	19.80	23.76
A3960WVA-07P	23.76	27.72
A3960WVA-08P	27.72	31.68
A3960WVA-09P	31.68	35.64
A3960WVA-10P	35.64	39.60
A3960WVA-11P	39.60	43.56
A3960WVA-12P	43.56	47.52
A3960WVA-13P	47.52	51.48
A3960WVA-14P	51.48	55.44
A3960WVA-15P	55.44	59.40
A3960WVA-16P	59.40	63.36
A3960WVA-17P	63.36	67.32
A3960WVA-18P	67.32	71.28
A3960WVA-19P	71.28	75.24
A3960WVA-20P	75.24	79.20

Unit:mm

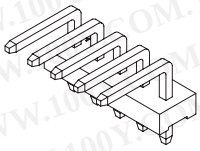
A3960WRA

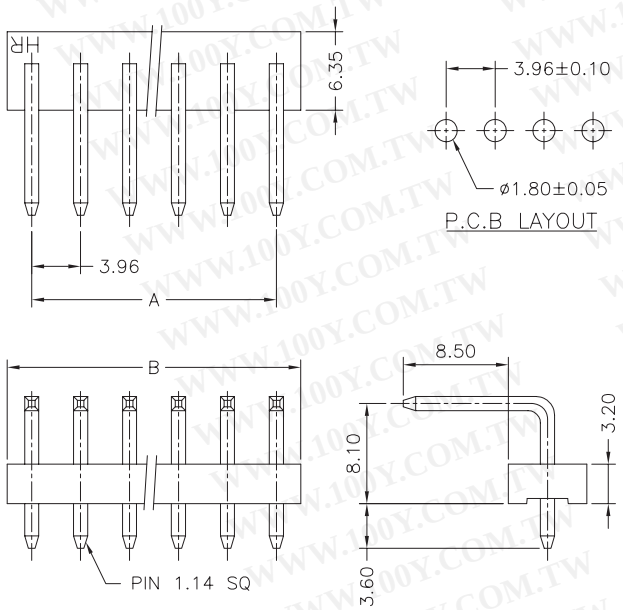
3.96mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing

A3960WRA-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

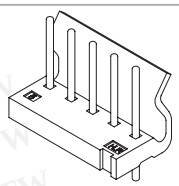
PART NO.	Dimensions	
	A	B
A3960WRA-02P	3.96	7.92
A3960WRA-03P	7.92	11.88
A3960WRA-04P	11.88	15.84
A3960WRA-05P	15.84	19.80
A3960WRA-06P	19.80	23.76
A3960WRA-07P	23.76	27.72
A3960WRA-08P	27.72	31.68
A3960WRA-09P	31.68	35.64
A3960WRA-10P	35.64	39.60
A3960WRA-11P	39.60	43.56
A3960WRA-12P	43.56	47.52
A3960WRA-13P	47.52	51.48
A3960WRA-14P	51.48	55.44
A3960WRA-15P	55.44	59.40
A3960WRA-16P	59.40	63.36
A3960WRA-17P	63.36	67.32
A3960WRA-18P	67.32	71.28
A3960WRA-19P	71.28	75.24
A3960WRA-20P	75.24	79.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

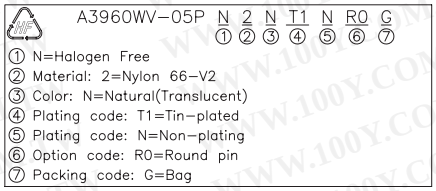
A3960WV

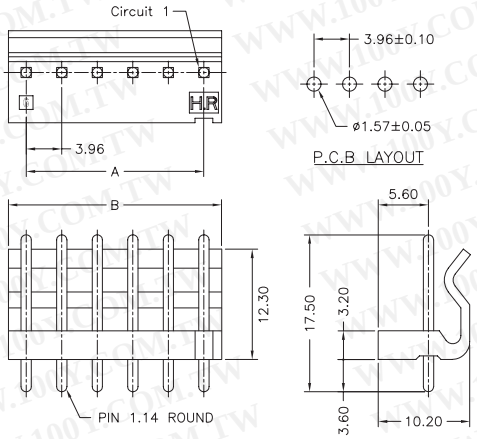
3.96mm pitch 180° Wafer, Round Pin



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing
*Nylon 46 is available





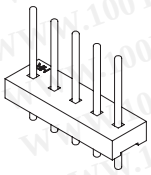
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3960WV-02PR	3.96	7.92
A3960WV-03PR	7.92	11.88
A3960WV-04PR	11.88	15.84
A3960WV-05PR	15.84	19.80
A3960WV-06PR	19.80	23.76
A3960WV-07PR	23.76	27.72
A3960WV-08PR	27.72	31.68
A3960WV-09PR	31.68	35.64
A3960WV-10PR	35.64	39.60
A3960WV-11PR	39.60	43.56
A3960WV-12PR	43.56	47.52
A3960WV-13PR	47.52	51.48
A3960WV-14PR	51.48	55.44
A3960WV-15PR	55.44	59.40
A3960WV-16PR	59.40	63.36
A3960WV-17PR	63.36	67.32
A3960WV-18PR	67.32	71.28
A3960WV-19PR	71.28	75.24
A3960WV-20PR	75.24	79.20

Unit:mm

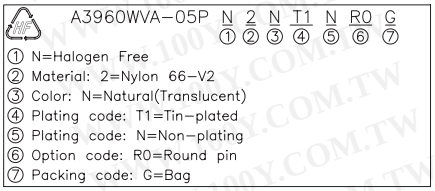
A3960WVA

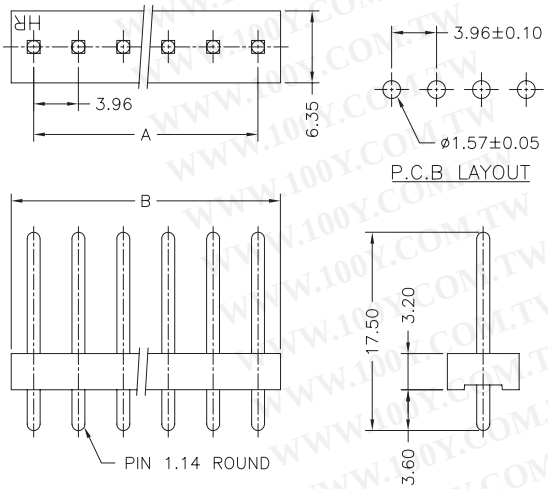
3.96mm pitch 180° Wafer, Round Pin



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing



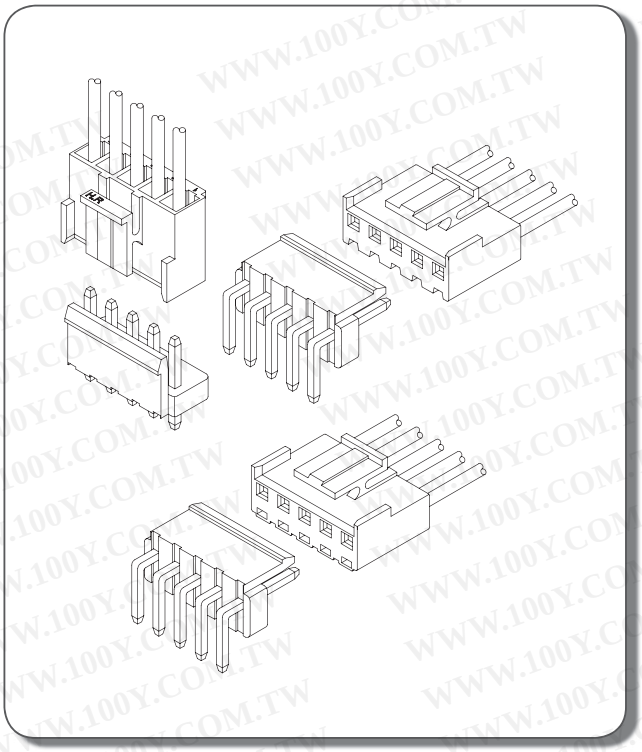


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3960WVA-02PR	3.96	7.92
A3960WVA-03PR	7.92	11.88
A3960WVA-04PR	11.88	15.84
A3960WVA-05PR	15.84	19.80
A3960WVA-06PR	19.80	23.76
A3960WVA-07PR	23.76	27.72
A3960WVA-08PR	27.72	31.68
A3960WVA-09PR	31.68	35.64
A3960WVA-10PR	35.64	39.60
A3960WVA-11PR	39.60	43.56
A3960WVA-12PR	43.56	47.52
A3960WVA-13PR	47.52	51.48
A3960WVA-14PR	51.48	55.44
A3960WVA-15PR	55.44	59.40
A3960WVA-16PR	59.40	63.36
A3960WVA-17PR	63.36	67.32
A3960WVA-18PR	67.32	71.28
A3960WVA-19PR	71.28	75.24
A3960WVA-20PR	75.24	79.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



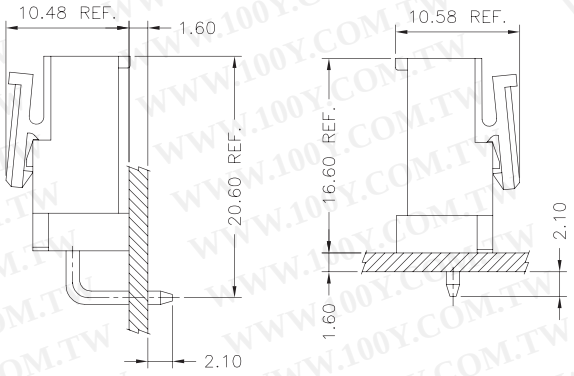
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A3961 – T B E

❶ Series No.
❷ Plating code: T=Tin-plated, G=Gold-flash
❸ Material: B=Brass, P=Phosphor bronze
❹ E=Stamping before plating

❶ ❷ ❸ ❹
A3961 H A – 05P

❶ Series No.
❷ H=Housing
❸ Blank=Normal type
A=A type
❹ No. of circuits

❶ ❷ ❸ ❹ ❺
A3961 WV A – 05P 46G

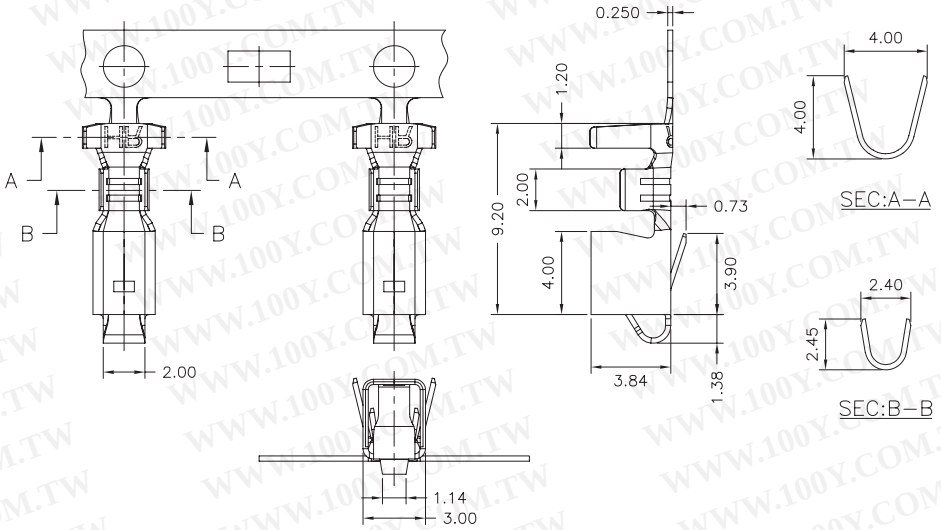
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=With locking ramp
A=Without locking ramp
❹ No. of circuits
❺ Option code:
46G=Nylon 46, Gold-flash

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A3961-T 3.96mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3961 series Housing



Ordering Information & Specifications:

Unit:mm

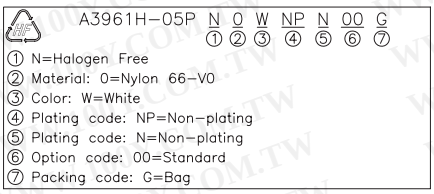
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3961-TBE	AWG#18-#22	3.00mm(max)	Brass	Tin-plated	4,000pcs
A3961-TPE	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Tin-plated	4,000pcs
A3961-GPE	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Gold-flash	4,000pcs

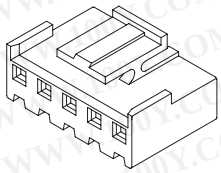
Note:E-Stamping before Tin-plated or Gold-flash

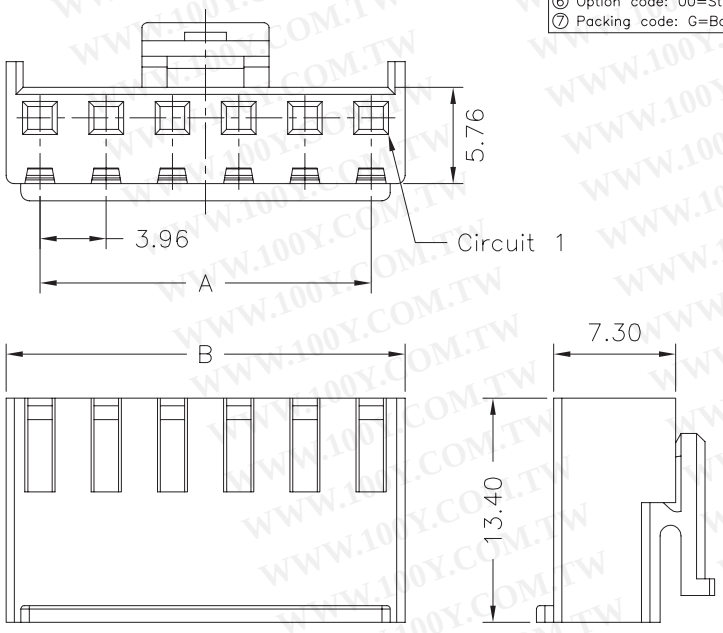
A3961H 3.96mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3961 series Terminal
*Mates with H.R A3961 or A7921 series Wafer







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3961H-02P	3.96	8.02
A3961H-03P	7.92	11.98
A3961H-04P	11.88	15.94
A3961H-05P	15.84	19.90
A3961H-06P	19.80	23.86
A3961H-07P	23.76	27.82
A3961H-08P	27.72	31.78
A3961H-09P	31.68	35.74
A3961H-10P	35.64	39.70
A3961H-11P	39.60	43.66
A3961H-12P	43.56	47.62
A3961H-13P	47.52	51.58
A3961H-14P	51.48	55.54
A3961H-15P	55.44	59.50

Unit:mm

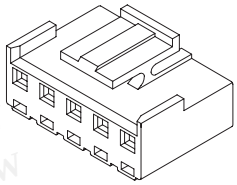
A3961HA

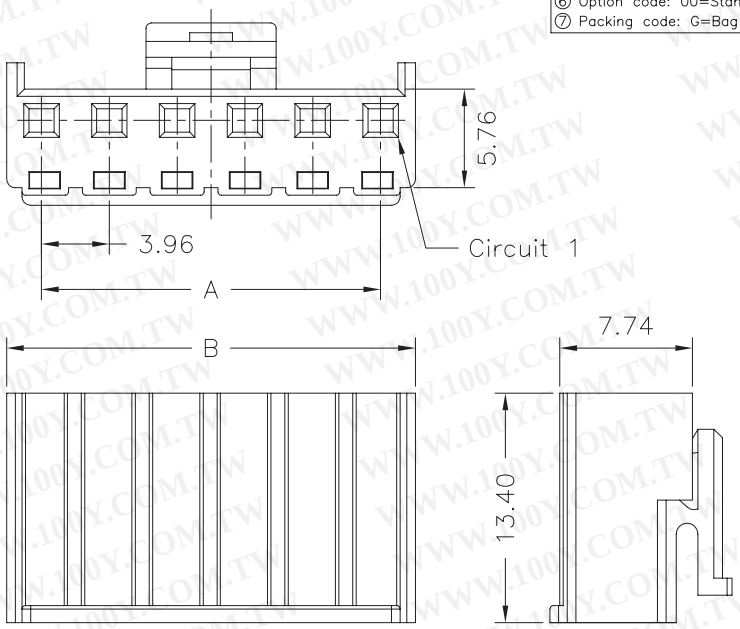
3.96mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A3961 series Terminal
*Mates with H.R A3961 or A7921 series Wafer

A3961HA-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3961HA-02P	3.96	8.02
A3961HA-03P	7.92	11.98
A3961HA-04P	11.88	15.94
A3961HA-05P	15.84	19.90
A3961HA-06P	19.80	23.86
A3961HA-07P	23.76	27.82
A3961HA-08P	27.72	31.78
A3961HA-09P	31.68	35.74
A3961HA-10P	35.64	39.70
A3961HA-11P	39.60	43.66
A3961HA-12P	43.56	47.62
A3961HA-13P	47.52	51.58
A3961HA-14P	51.48	55.54
A3961HA-15P	55.44	59.50

Unit:mm

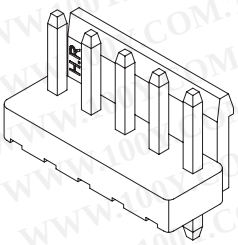
A3961WV

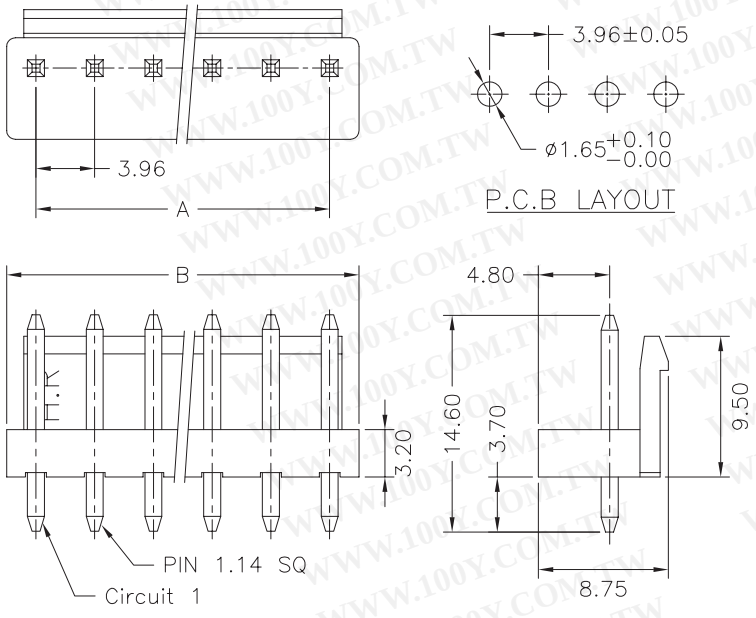
3.96mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A3961 series Housing
*Nylon 46 is available

A3961WV-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3961WV-02P	3.96	7.92
A3961WV-03P	7.92	11.88
A3961WV-04P	11.88	15.84
A3961WV-05P	15.84	19.80
A3961WV-06P	19.80	23.76
A3961WV-07P	23.76	27.72
A3961WV-08P	27.72	31.68
A3961WV-09P	31.68	35.64
A3961WV-10P	35.64	39.60
A3961WV-11P	39.60	43.56
A3961WV-12P	43.56	47.52
A3961WV-13P	47.52	51.48
A3961WV-14P	51.48	55.44
A3961WV-15P	55.44	59.40

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

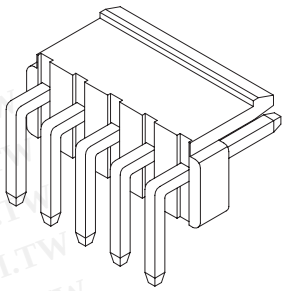
A3961WR

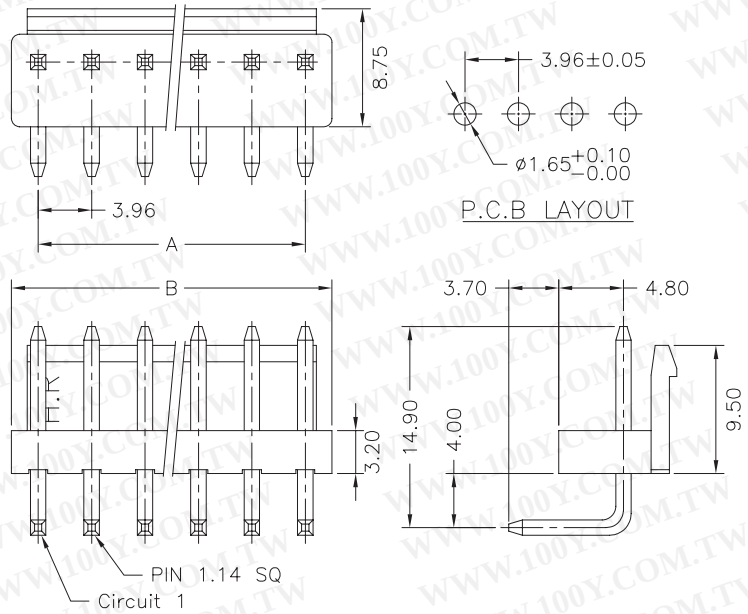
3.96mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A3961 series Housing
*Nylon 46 is available

A3961WR-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 6=Nylon 6T
③ Color: W=White, B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3961WR-02P	3.96	7.92
A3961WR-03P	7.92	11.88
A3961WR-04P	11.88	15.84
A3961WR-05P	15.84	19.80
A3961WR-06P	19.80	23.76
A3961WR-07P	23.76	27.72
A3961WR-08P	27.72	31.68
A3961WR-09P	31.68	35.64
A3961WR-10P	35.64	39.60
A3961WR-11P	39.60	43.56
A3961WR-12P	43.56	47.52
A3961WR-13P	47.52	51.48
A3961WR-14P	51.48	55.44
A3961WR-15P	55.44	59.40

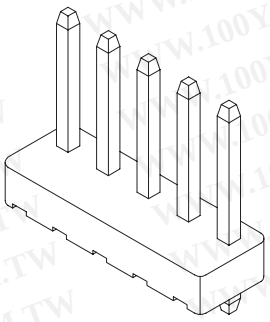
Unit:mm

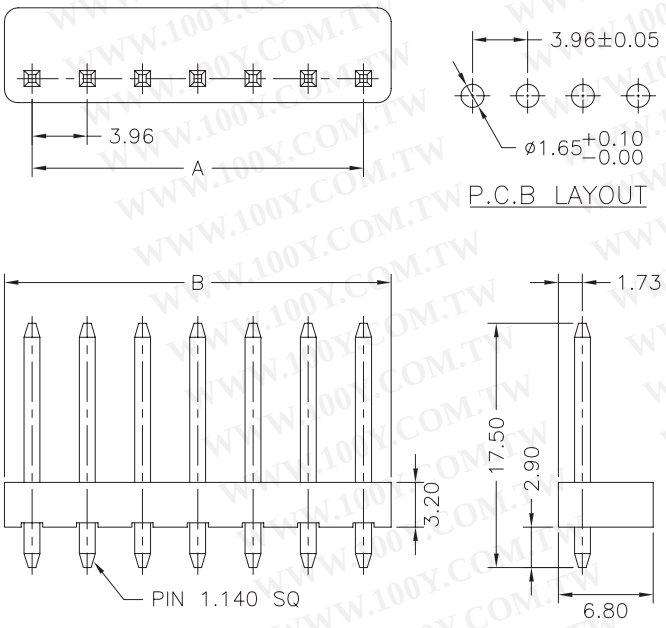
A3961WVA

3.96mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A3961 series Housing





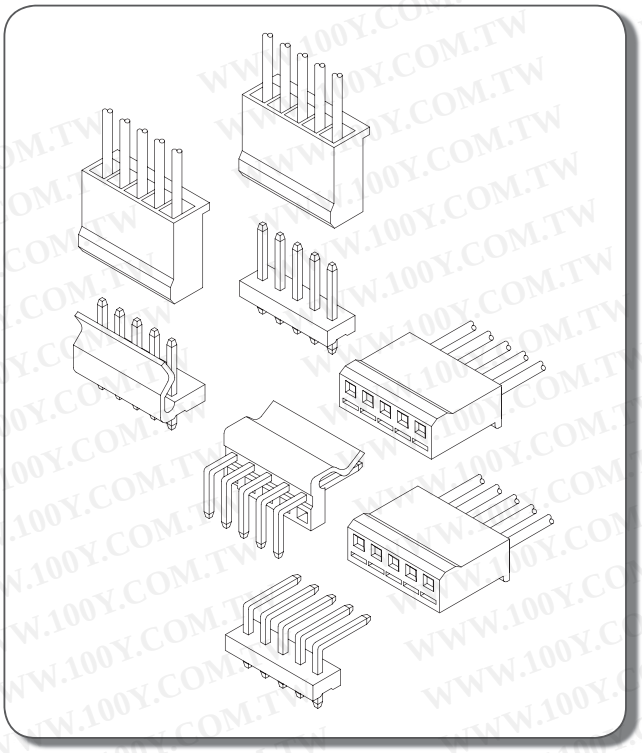
A3961WVA-07P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3961WVA-07P	23.76	27.72
A3961WVA-11P	39.60	43.56

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



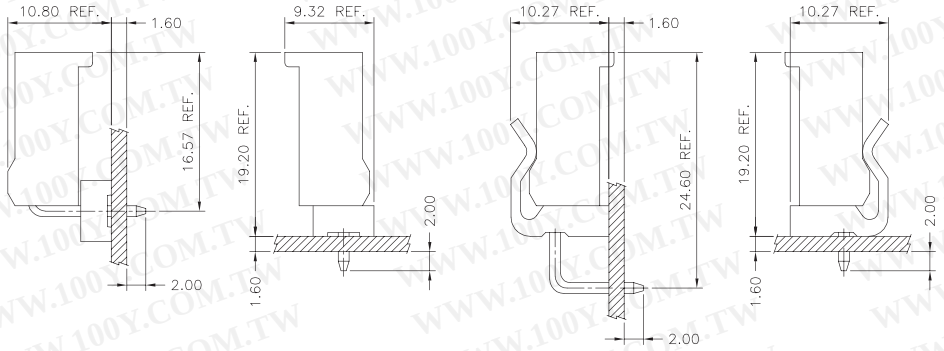
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A3962 – T B E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: B=Brass
❹ E=Stamping before plating

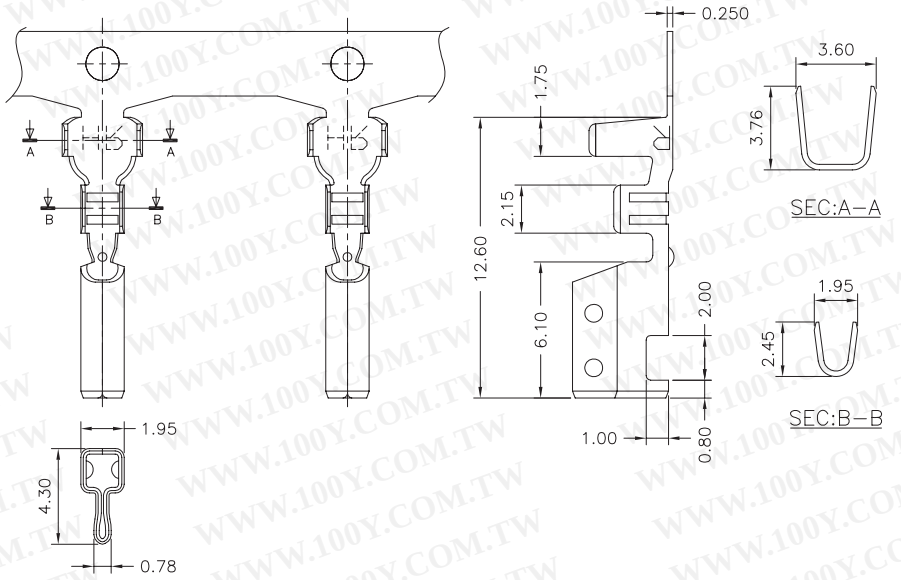
❶ ❷ ❸
A3962 H – 05P

❶ Series No.
❷ H=Housing
❸ No. of circuits

A3962-T 3.96mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A3962 series Housing



Ordering Information & Specifications: Unit:mm

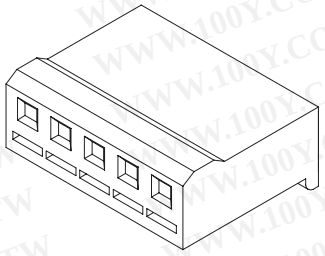
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3962-TBE	AWG#18-#24	3.20mm(max)	Brass	Tin-plated	5,000pcs

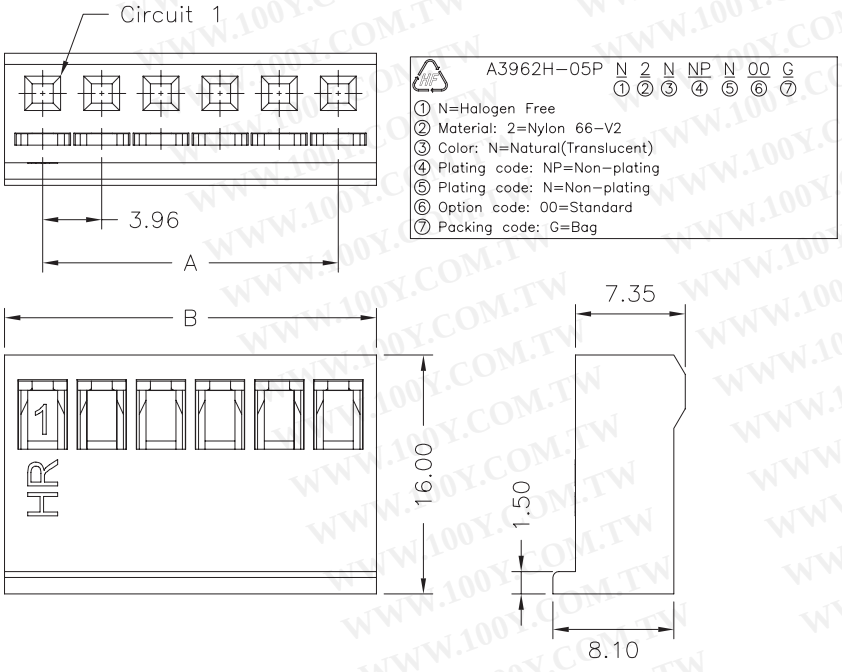
Note:E-Stamping before Tin-plated

A3962H 3.96mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A3962 series Terminal
*Mates with H.R A3960 or A7920 series Wafer





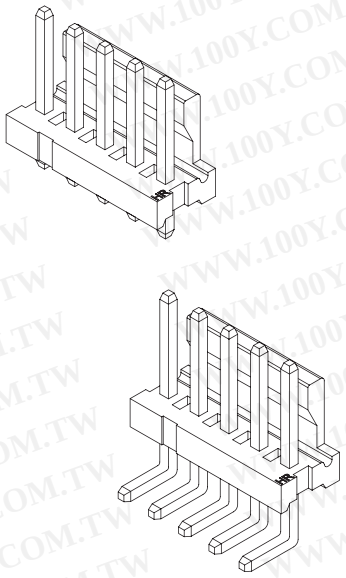
A3962H-05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3962H-02P	3.96	9.06
A3962H-03P	7.92	13.02
A3962H-04P	11.88	16.98
A3962H-05P	15.84	20.94
A3962H-06P	19.80	24.90
A3962H-07P	23.76	28.86
A3962H-08P	27.72	32.82
A3962H-09P	31.68	36.78
A3962H-10P	35.64	40.74
A3962H-11P	39.60	44.70
A3962H-12P	43.56	48.66

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 7A AC,DC
Voltage rating: 600V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 3mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 2200V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
A3963 WV – 05P R

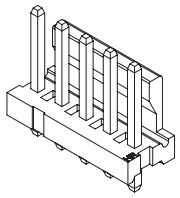
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code:
R=Round pin(Vertical type only)
Y01=Soldertail length 4.45mm
YR1=Soldertail length 4.45mm, Round pin(Vertical type only)

A3963WV

3.96mm pitch 180° Wafer

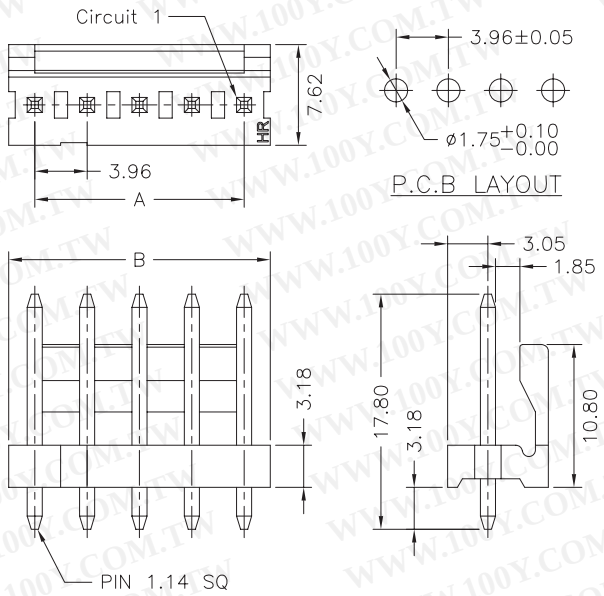
A3963WV-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard, Y1=Soldertail 4.45mm
⑦ Packing code: G=Bag



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Soldertail Length 4.45mm is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3963WV-02P	3.96	7.92
A3963WV-03P	7.92	11.88
A3963WV-04P	11.88	15.84
A3963WV-05P	15.84	19.80
A3963WV-06P	19.80	23.76
A3963WV-07P	23.76	27.72
A3963WV-08P	27.72	31.68
A3963WV-09P	31.68	35.64
A3963WV-10P	35.64	39.60
A3963WV-11P	39.60	43.56
A3963WV-12P	43.56	47.52
A3963WV-13P	47.52	51.48
A3963WV-14P	51.48	55.44
A3963WV-15P	55.44	59.40
A3963WV-16P	59.40	63.36
A3963WV-17P	63.36	67.32
A3963WV-18P	67.32	71.28
A3963WV-19P	71.28	75.24
A3963WV-20P	75.24	79.20

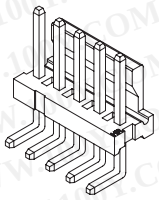
Unit:mm

A3963WR

3.96mm pitch 90° Wafer

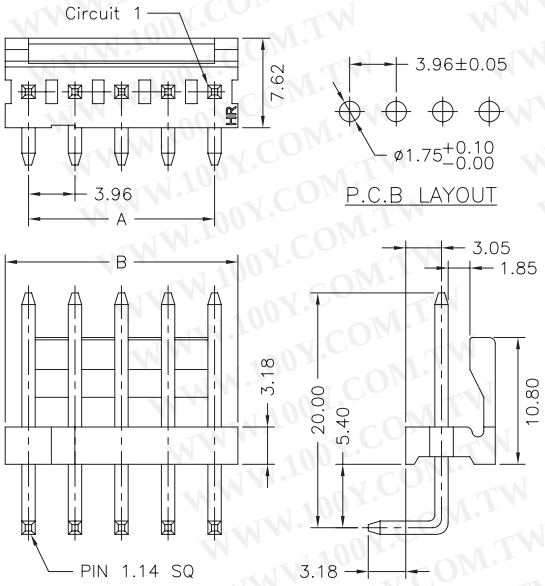
A3963WR-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard, Y1=Soldertail 4.45mm
⑦ Packing code: G=Bag



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Soldertail Length 4.45mm is available



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3963WR-02P	3.96	7.92
A3963WR-03P	7.92	11.88
A3963WR-04P	11.88	15.84
A3963WR-05P	15.84	19.80
A3963WR-06P	19.80	23.76
A3963WR-07P	23.76	27.72
A3963WR-08P	27.72	31.68
A3963WR-09P	31.68	35.64
A3963WR-10P	35.64	39.60
A3963WR-11P	39.60	43.56
A3963WR-12P	43.56	47.52
A3963WR-13P	47.52	51.48
A3963WR-14P	51.48	55.44
A3963WR-15P	55.44	59.40
A3963WR-16P	59.40	63.36
A3963WR-17P	63.36	67.32
A3963WR-18P	67.32	71.28
A3963WR-19P	71.28	75.24
A3963WR-20P	75.24	79.20

Unit:mm

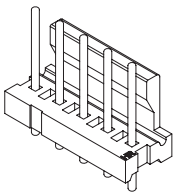
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A3963WV

3.96mm pitch 180° Wafer, Round Pin

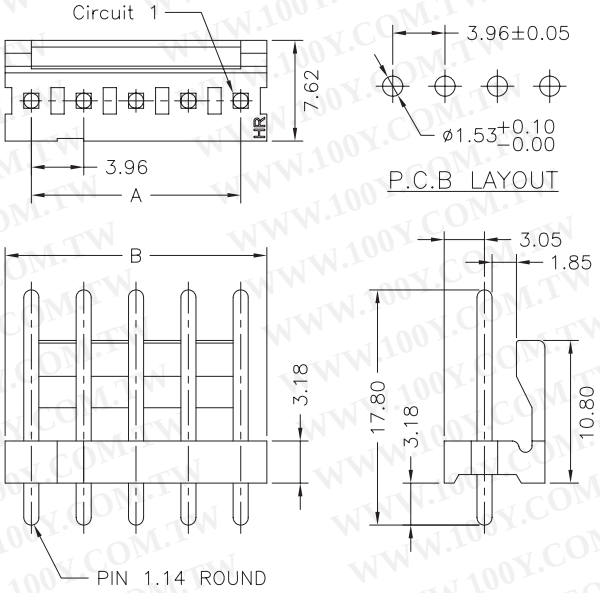
A3963WV-05P N O W T1 N R0 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: R0=Round pin, R1=Soldertail 4.45mm
⑦ Packing code: G=Bag



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Soldertail Length 4.45mm is available

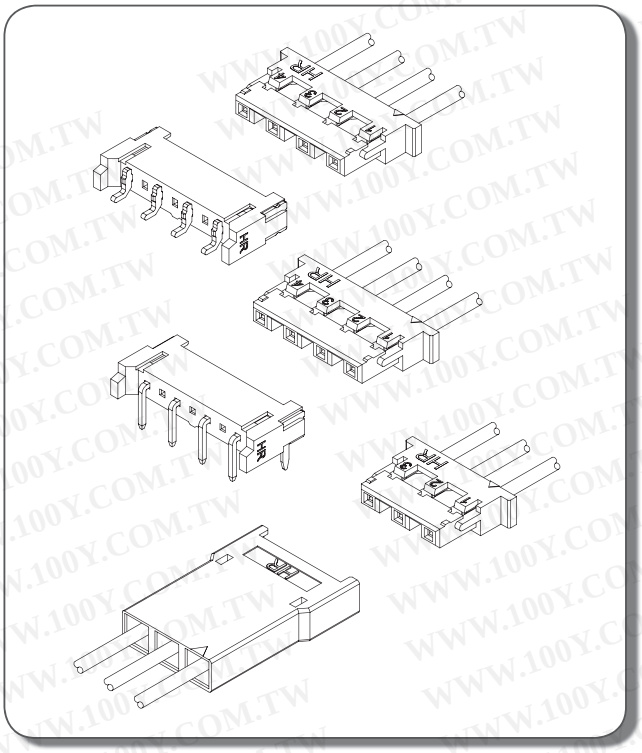


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A3963WV-02PR	3.96	7.92
A3963WV-03PR	7.92	11.88
A3963WV-04PR	11.88	15.84
A3963WV-05PR	15.84	19.80
A3963WV-06PR	19.80	23.76
A3963WV-07PR	23.76	27.72
A3963WV-08PR	27.72	31.68
A3963WV-09PR	31.68	35.64
A3963WV-10PR	35.64	39.60
A3963WV-11PR	39.60	43.56
A3963WV-12PR	43.56	47.52
A3963WV-13PR	47.52	51.48
A3963WV-14PR	51.48	55.44
A3963WV-15PR	55.44	59.40
A3963WV-16PR	59.40	63.36
A3963WV-17PR	63.36	67.32
A3963WV-18PR	67.32	71.28
A3963WV-19PR	71.28	75.24
A3963WV-20PR	75.24	79.20

Unit:mm

WWW.100Y.COM.TW



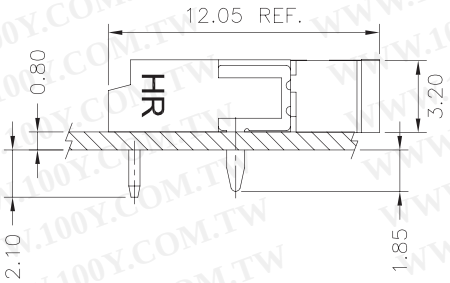
Specifications

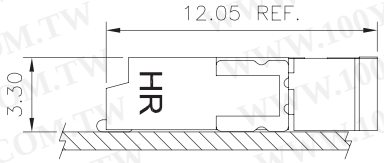
Current rating: 1A AC,DC
Voltage rating: 600V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1800V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout





Ordering code

❶ ❷ ❸ ❹ ❺
A4000 M-T P E

❶ Series No.
❷ Terminal type: Blank=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor bronze
❺ E=Stamping before plating

❶ ❷ ❸ ❹
A4000 H M-05P

❶ Series No.
❷ H=Housing
❸ Blank=Receptacle, M=Plug
❹ No. of circuits

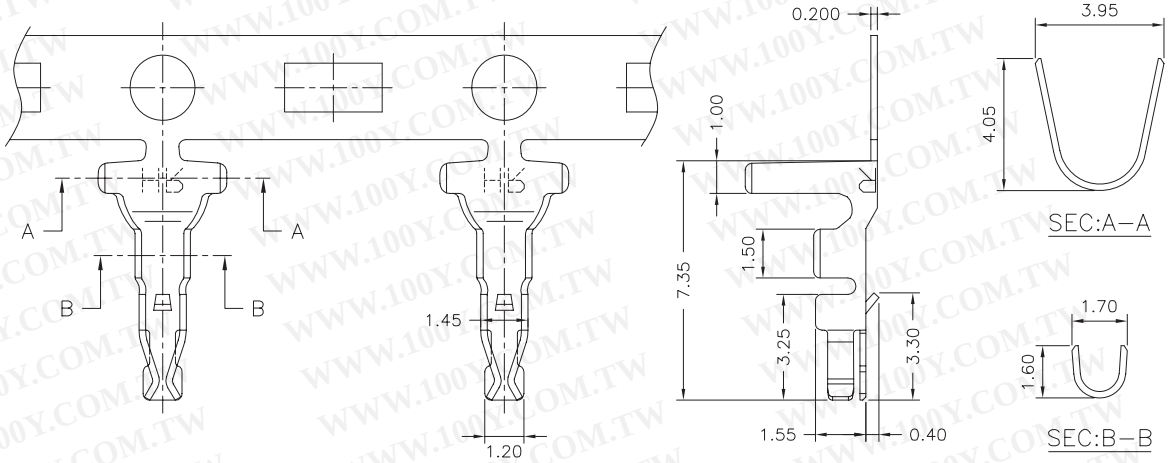
❶ ❷ ❸ ❹ ❺
A4000 WR -DS-05P DQ3

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: Blank=Through hole
-S=SMT
-DS=SMT, Square pin
❹ No. of circuits
❺ Option code:
(Refer to drawings)

A4000-T 4.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A4000H series Housing



Ordering Information & Specifications: Unit:mm

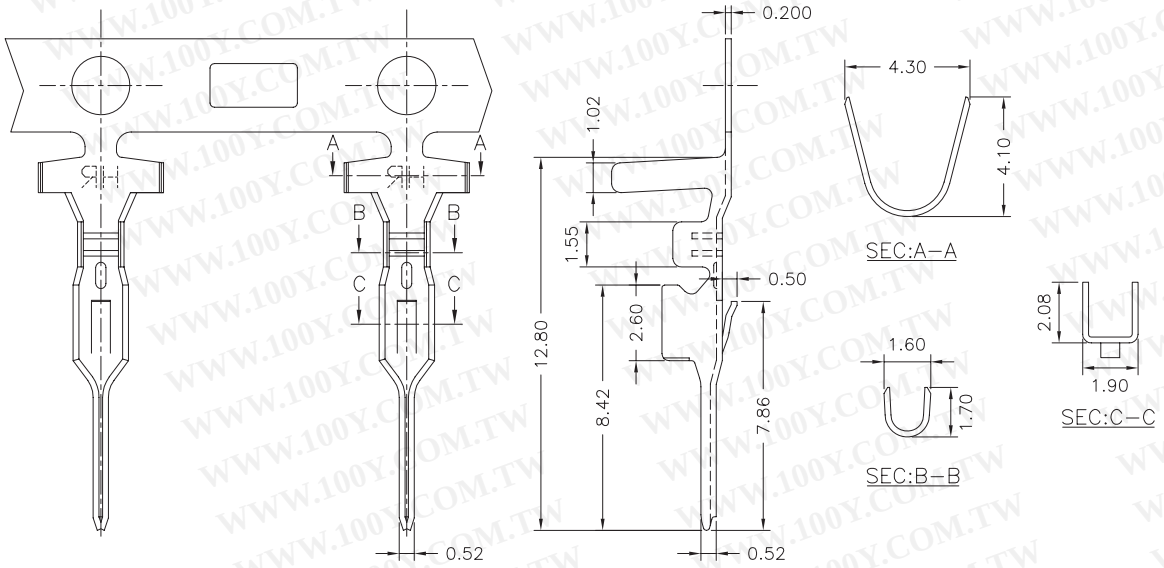
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A4000-TPE	AWG#22-#28	2.40mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

A4000M-T 4.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A4000HM series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A4000M-TPE	AWG#22-#28	2.40mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

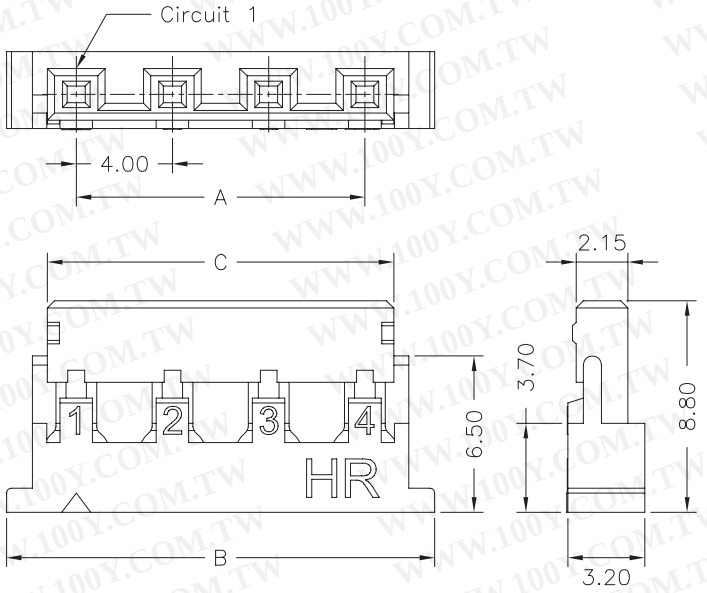
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

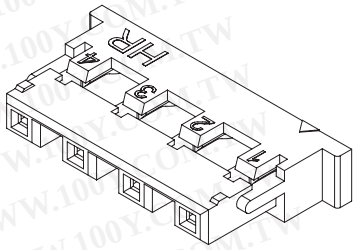
A4000H 4.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A4000 series Terminal
*Mates with H.R A4000HM series Housing
or A4000 series Wafer

A4000H-05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A4000H-02P	4.00	9.80	6.40
A4000H-03P	8.00	13.80	10.40
A4000H-04P	12.00	17.80	14.40
A4000H-05P	16.00	21.80	18.40

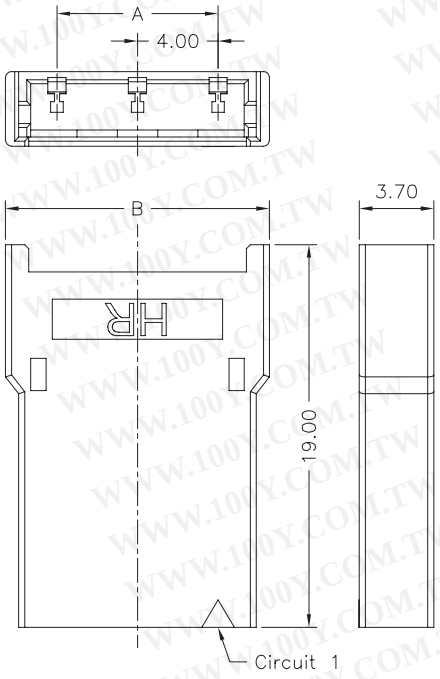
Unit:mm

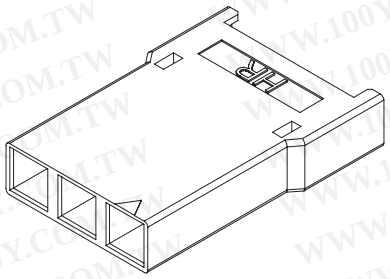
A4000HM 4.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A4000M series Terminal
*Mates with H.R A4000H series Housing

A4000HM-05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A4000HM-02P	4.00	9.10
A4000HM-03P	8.00	13.10
A4000HM-04P	12.00	17.10
A4000HM-05P	16.00	21.10

Unit:mm

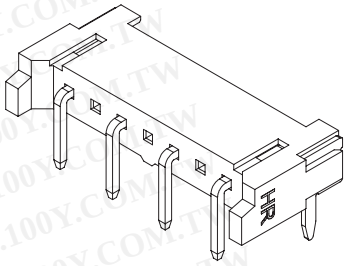
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

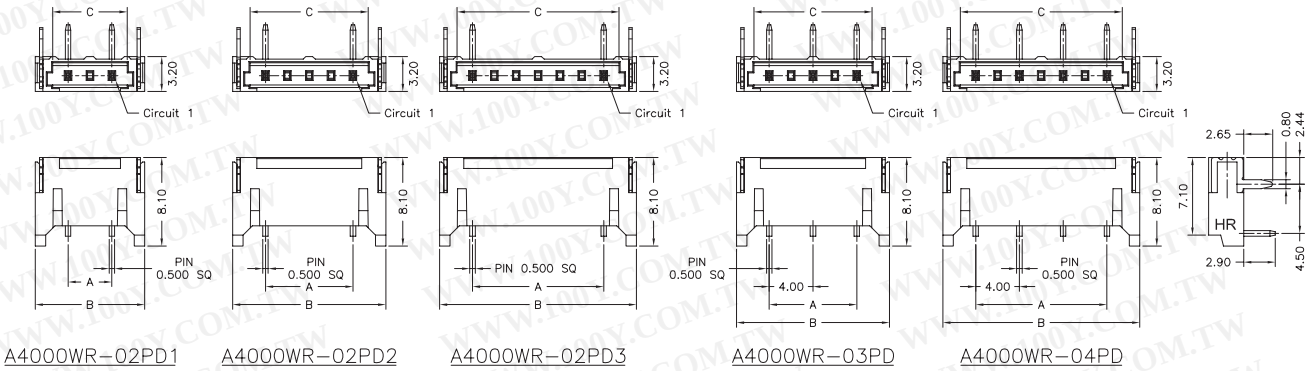
A4000WR

4.00mm pitch 90° Wafer

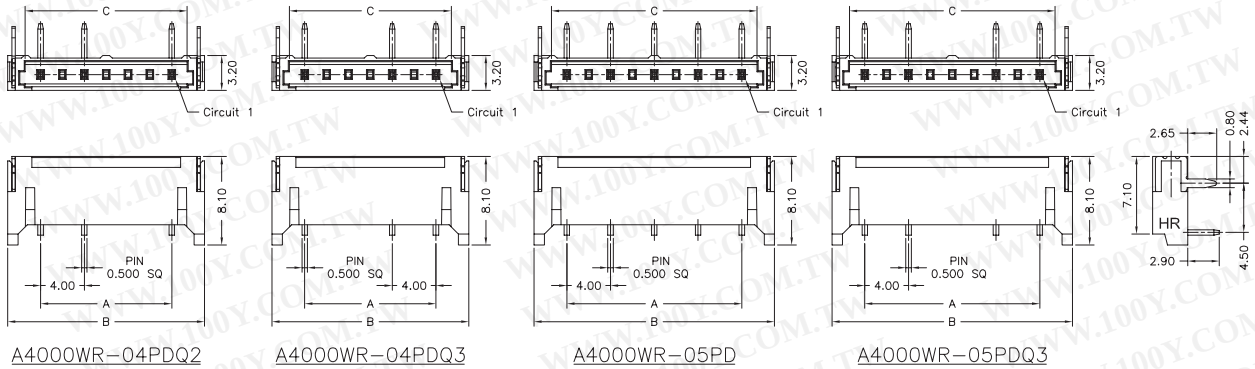
Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Pin: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A4000H series Housing





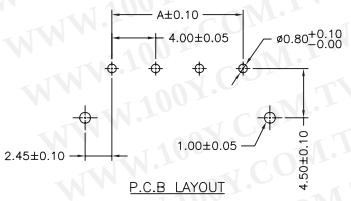
A4000WR-02PD1 A4000WR-02PD2 A4000WR-02PD3 A4000WR-03PD A4000WR-04PD



A4000WR-04PDQ2 A4000WR-04PDQ3 A4000WR-05PD A4000WR-05PDQ3

A4000WR-05P N 6 B G1 G Q1 T
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard; Q1, Q2,.....=With cut-pin
(Cut-pin position refer to drawings for details)
⑦ Packing code: T=Tube



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A4000WR-02PD1	4.00	10.00	6.80
A4000WR-02PD2	8.00	14.00	10.80
A4000WR-02PD3	12.00	18.00	14.80
A4000WR-03PD	8.00	14.00	10.80
A4000WR-04PD	12.00	18.00	14.80
A4000WR-04PDQ2	12.00	18.00	14.80
A4000WR-04PDQ3	12.00	18.00	14.80
A4000WR-05PD	16.00	22.00	18.80
A4000WR-05PDQ3	16.00	22.00	18.80

Unit:mm

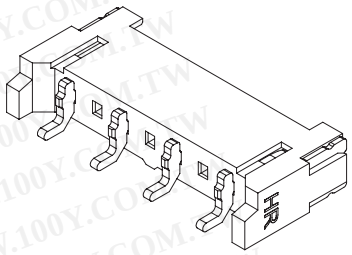
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

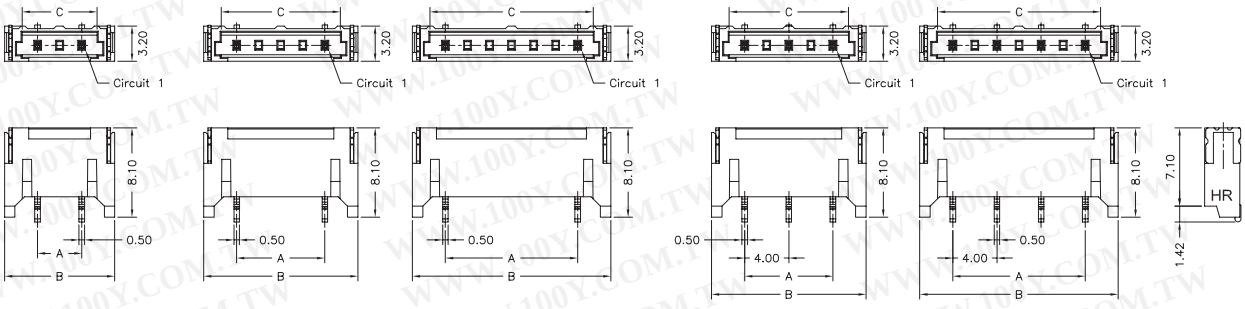
A4000WR-S

4.00mm pitch 90° Wafer- SMT TYPE

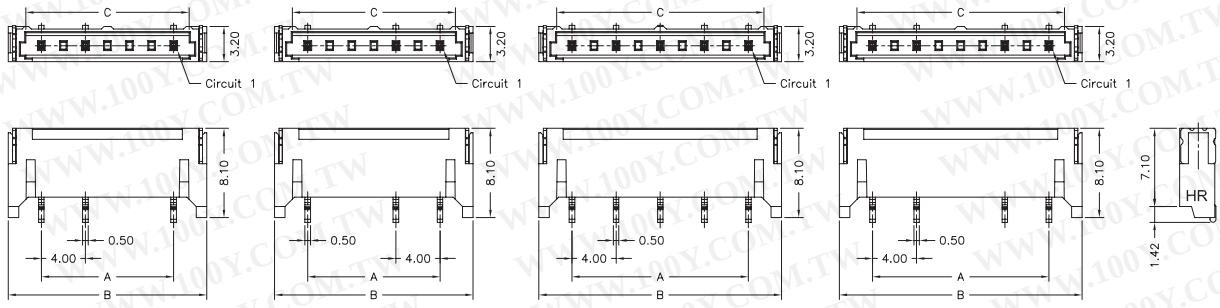
Reference Informations:

*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A4000H series Housing





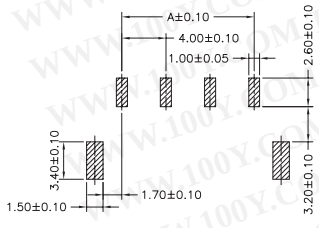
A4000WR-S-02P1 A4000WR-S-02P2 A4000WR-S-02P3 A4000WR-S-03P A4000WR-S-04P



A4000WR-S-04P137 A4000WR-S-04P157 A4000WR-S-05P A4000WR-S-05PQ3

A4000WR-S-05P N 6 B T1 T Q1 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard; Q1, Q2,.....=With cut-pin (Cut-pin position refer to drawings for details)
⑦ Packing code: R=Tape & Reel



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A4000WR-S-02P1	4.00	10.00	6.80
A4000WR-S-02P2	8.00	14.00	10.80
A4000WR-S-02P3	12.00	18.00	14.80
A4000WR-S-03P	8.00	14.00	10.80
A4000WR-S-04P	12.00	18.00	14.80
A4000WR-S-04P137	12.00	18.00	14.80
A4000WR-S-04P157	12.00	18.00	14.80
A4000WR-S-05P	16.00	22.00	18.80
A4000WR-S-05PQ3	16.00	22.00	18.80

Unit:mm

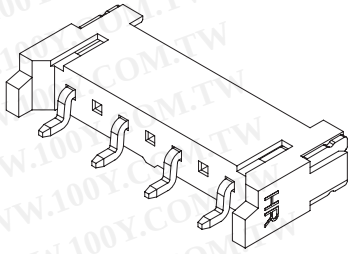
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

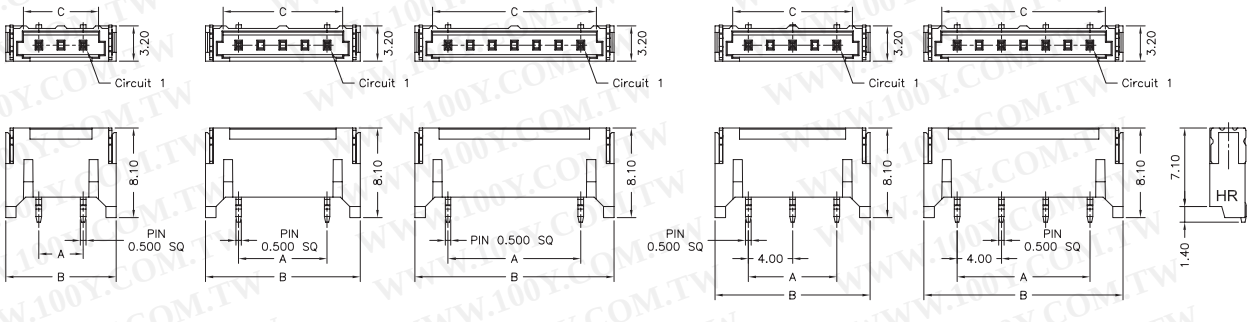
A4000WR-DS

4.00mm pitch 90° Wafer- SMT TYPE

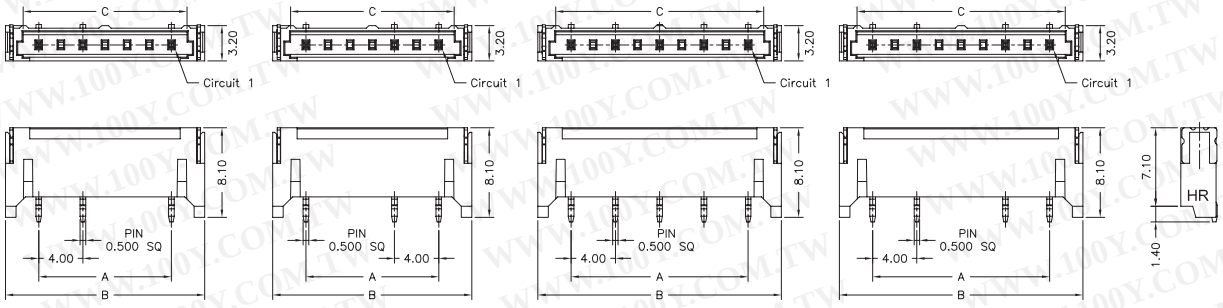
Reference Informations:

*Material: Pin: Brass/Gold-flash
Solder Tabs: Brass/Gold-flash
Wafer: Nylon 6T,UL94V-0
*Mates with H.R A4000H series Housing





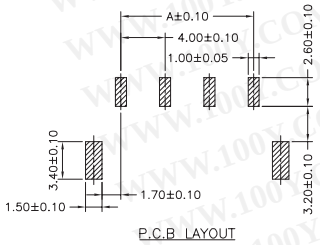
A4000WR-DS-02PD1 A4000WR-DS-02PD2 A4000WR-DS-02PD3 A4000WR-DS-03PD A4000WR-DS-04PD



A4000WR-DS-04PDQ2 A4000WR-DS-04PDQ3 A4000WR-DS-05PD A4000WR-DS-05PDQ3

A4000WR-DS-05P N 6 B G1 G Q1 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard; Q1, Q2,.....=With cut-pin (Cut-pin position refer to drawings for details)
⑦ Packing code: R=Tape & Reel



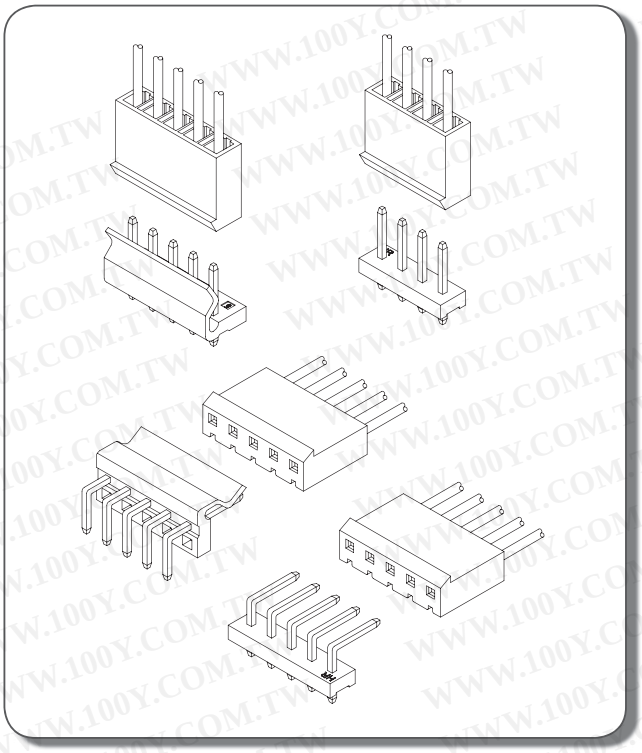
P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
A4000WR-DS-02PD1	4.00	10.00	6.80
A4000WR-DS-02PD2	8.00	14.00	10.80
A4000WR-DS-02PD3	12.00	18.00	14.80
A4000WR-DS-03PD	8.00	14.00	10.80
A4000WR-DS-04PD	12.00	18.00	14.80
A4000WR-DS-04PDQ2	12.00	18.00	14.80
A4000WR-DS-04PDQ3	12.00	18.00	14.80
A4000WR-DS-05PD	16.00	22.00	18.80
A4000WR-DS-05PDQ3	16.00	22.00	18.80

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



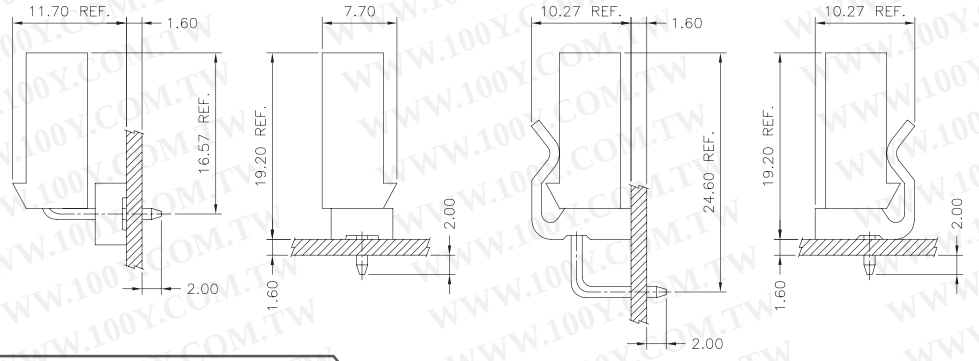
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A5081 H-05P-1

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code:
1=Type 1
2=Type 2
1V0=UL94V-0, Type 1
2V0=UL94V-0, Type 2

❶ ❷ ❸ ❹ ❺
A5081 WV A-05P R

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=With locking ramp
A=Without locking ramp
B=With polarizing backwall
❹ No. of circuits
❺ Option code:
R=Round pin(Vertical type only)
V0=UL94V-0, White

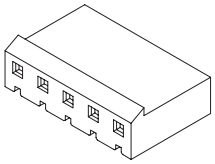
A5081H

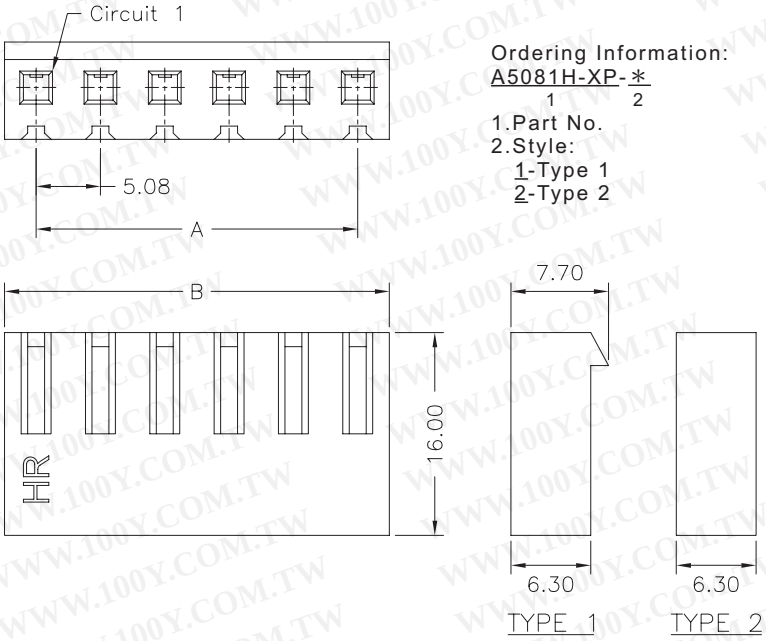
5.08mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A3960 series Terminal
*Mates with H.R A5081 series Wafer

A5081H-05P N 2 N NP N 10 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 10=With ramp, 20=Without ramp
⑦ Packing code: G=Bag





Ordering Information:
A5081H-XP-*
1 2
1.Part No.
2.Style:
1-Type 1
2-Type 2

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081H-02P	5.08	10.08
A5081H-03P	10.16	15.16
A5081H-04P	15.24	20.24
A5081H-05P	20.32	25.32
A5081H-06P	25.40	30.40
A5081H-07P	30.48	35.48
A5081H-08P	35.56	40.56
A5081H-09P	40.64	45.64
A5081H-10P	45.72	50.72
A5081H-11P	50.80	55.80
A5081H-12P	55.88	60.88
A5081H-13P	60.96	65.96
A5081H-14P	66.04	71.04
A5081H-15P	71.12	76.12
A5081H-16P	76.20	81.20
A5081H-17P	81.28	86.28
A5081H-18P	86.36	91.36
A5081H-19P	91.44	96.44
A5081H-20P	96.52	101.52

Unit:mm

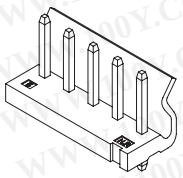
A5081WV

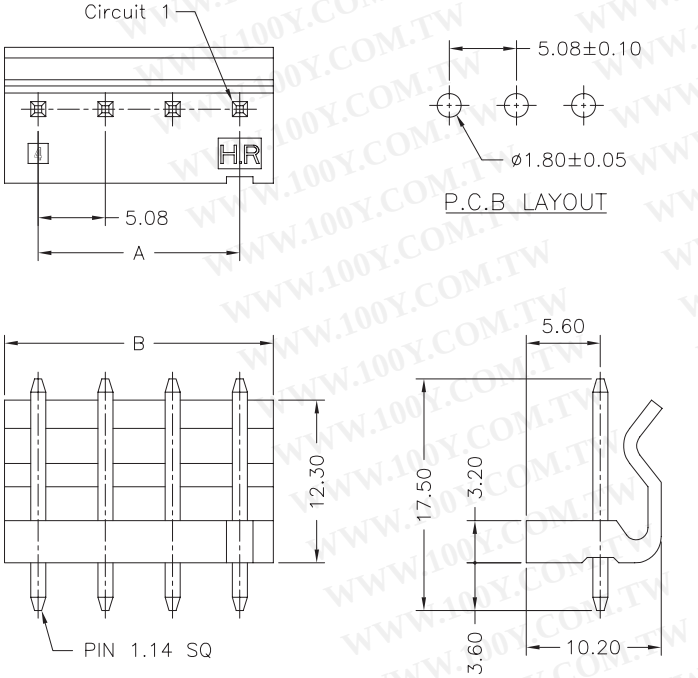
5.08mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing

A5081WV-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WV-02P	5.08	10.16
A5081WV-03P	10.16	15.24
A5081WV-04P	15.24	20.32
A5081WV-05P	20.32	25.40
A5081WV-06P	25.40	30.48
A5081WV-07P	30.48	35.56
A5081WV-08P	35.56	40.64
A5081WV-09P	40.64	45.72
A5081WV-10P	45.72	50.80
A5081WV-11P	50.80	55.88
A5081WV-12P	55.88	60.96
A5081WV-13P	60.96	65.04
A5081WV-14P	66.04	71.12
A5081WV-15P	71.12	76.20
A5081WV-16P	76.20	81.28
A5081WV-17P	81.28	86.36
A5081WV-18P	86.36	91.44
A5081WV-19P	91.44	96.52
A5081WV-20P	96.52	101.60

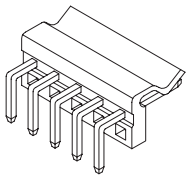
Unit:mm

A5081WR

5.08mm pitch 90° Wafer

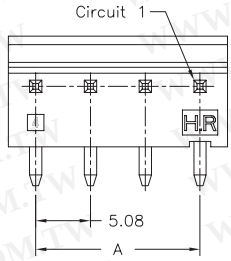
A5081WR–05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

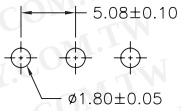
① N=Halogen Free
② Material: 2=Nylon 66–V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin–plated
⑤ Plating code: N=Non–plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



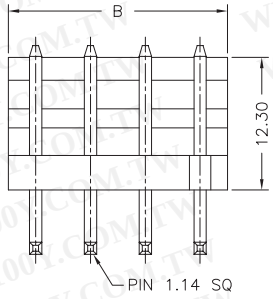
Reference Informations:

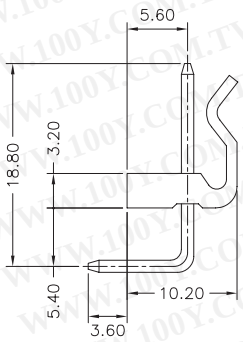
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing





P.C.B LAYOUT





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WR-02P	5.08	10.16
A5081WR-03P	10.16	15.24
A5081WR-04P	15.24	20.32
A5081WR-05P	20.32	25.40
A5081WR-06P	25.40	30.48
A5081WR-07P	30.48	35.56
A5081WR-08P	35.56	40.64
A5081WR-09P	40.64	45.72
A5081WR-10P	45.72	50.80
A5081WR-11P	50.80	55.88
A5081WR-12P	55.88	60.96
A5081WR-13P	60.96	65.04
A5081WR-14P	66.04	71.12
A5081WR-15P	71.12	76.20
A5081WR-16P	76.20	81.28
A5081WR-17P	81.28	86.36
A5081WR-18P	86.36	91.44
A5081WR-19P	91.44	96.52
A5081WR-20P	96.52	101.60

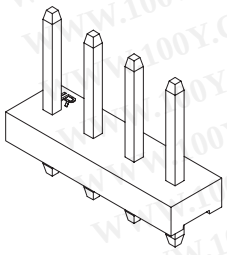
Unit:mm

A5081WVA

5.08mm pitch 180° Wafer

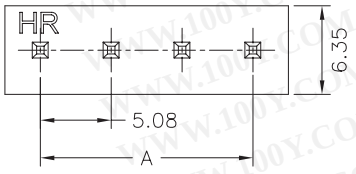
A5081WVA–05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

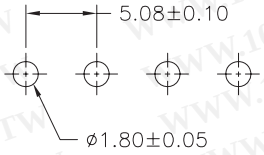
① N=Halogen Free
② Material: 2=Nylon 66–V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin–plated
⑤ Plating code: N=Non–plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



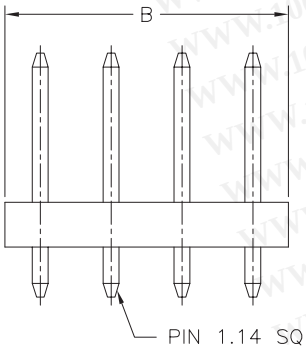
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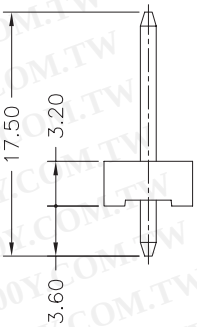
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing





P.C.B LAYOUT





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WVA-02P	5.08	10.16
A5081WVA-03P	10.16	15.24
A5081WVA-04P	15.24	20.32
A5081WVA-05P	20.32	25.40
A5081WVA-06P	25.40	30.48
A5081WVA-07P	30.48	35.56
A5081WVA-08P	35.56	40.64
A5081WVA-09P	40.64	45.72

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

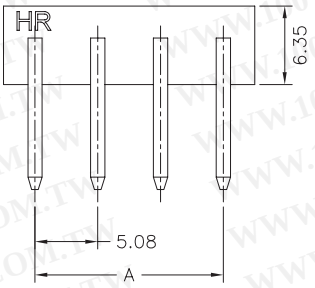
A5081WRA

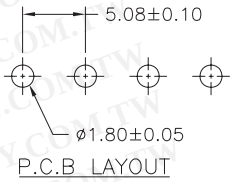
5.08mm pitch 90° Wafer

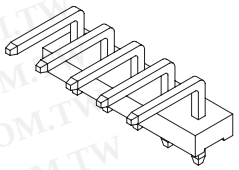
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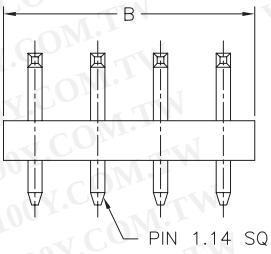
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing

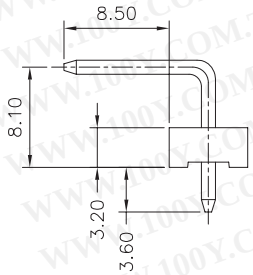
A5081WRA-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag











Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WRA-02P	5.08	10.16
A5081WRA-03P	10.16	15.24
A5081WRA-04P	15.24	20.32
A5081WRA-05P	20.32	25.40
A5081WRA-06P	25.40	30.48
A5081WRA-07P	30.48	35.56
A5081WRA-08P	35.56	40.64
A5081WRA-09P	40.64	45.72

Unit:mm

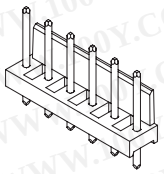
A5081WVB

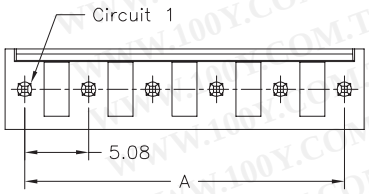
5.08mm pitch 180° Wafer

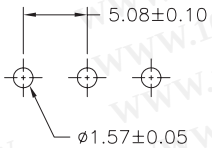
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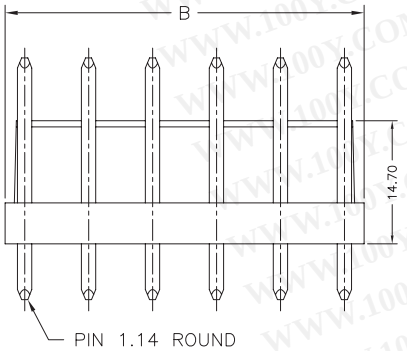
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing

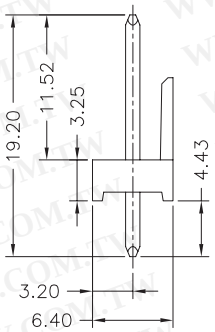
A5081WVB-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag











Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WVB-02P	5.08	8.20
A5081WVB-03P	10.16	13.28
A5081WVB-04P	15.24	18.36
A5081WVB-05P	20.32	23.44
A5081WVB-06P	25.40	28.52
A5081WVB-07P	30.48	33.60
A5081WVB-08P	35.56	38.68
A5081WVB-09P	40.64	43.76
A5081WVB-10P	45.72	48.84
A5081WVB-11P	50.80	53.92
A5081WVB-12P	55.88	59.00
A5081WVB-13P	60.96	64.08
A5081WVB-14P	66.04	69.16
A5081WVB-15P	71.12	74.24
A5081WVB-16P	76.20	79.32
A5081WVB-17P	81.28	84.40

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

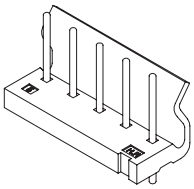
A5081WV

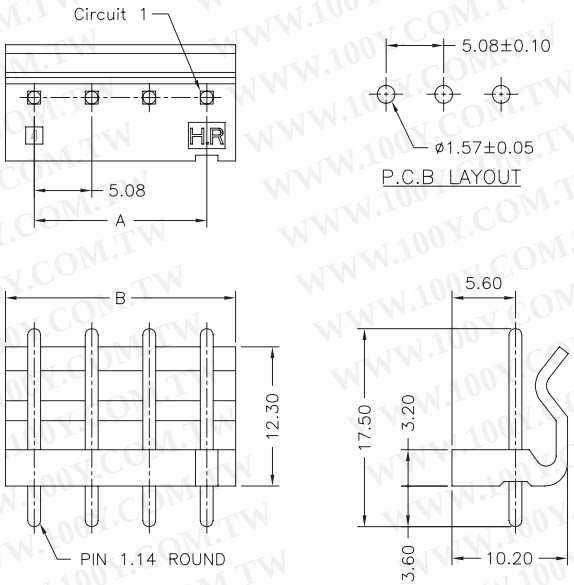
5.08mm pitch 180° Wafer, Round Pin

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing

A5081WV-05P N 2 N T1 N R0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: R0=Round pin
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WV-02PR	5.08	10.16
A5081WV-03PR	10.16	15.24
A5081WV-04PR	15.24	20.32
A5081WV-05PR	20.32	25.40
A5081WV-06PR	25.40	30.48
A5081WV-07PR	30.48	35.56
A5081WV-08PR	35.56	40.64
A5081WV-09PR	40.64	45.72
A5081WV-10PR	45.72	50.80
A5081WV-11PR	50.80	55.88
A5081WV-12PR	55.88	60.96
A5081WV-13PR	60.96	66.04
A5081WV-14PR	66.04	71.12
A5081WV-15PR	71.12	76.20
A5081WV-16PR	76.20	81.28
A5081WV-17PR	81.28	86.36
A5081WV-18PR	86.36	91.44
A5081WV-19PR	91.44	96.52
A5081WV-20PR	96.52	101.60

Unit:mm

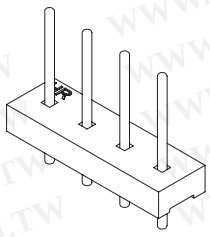
A5081WVA

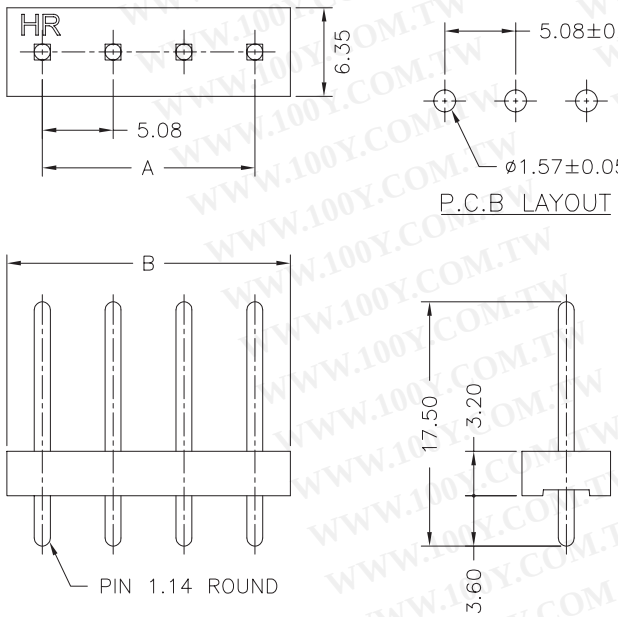
5.08mm pitch 180° Wafer, Round Pin

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A5081 series Housing

A5081WVA-05P N 2 N T1 N R0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: R0=Round pin
⑦ Packing code: G=Bag



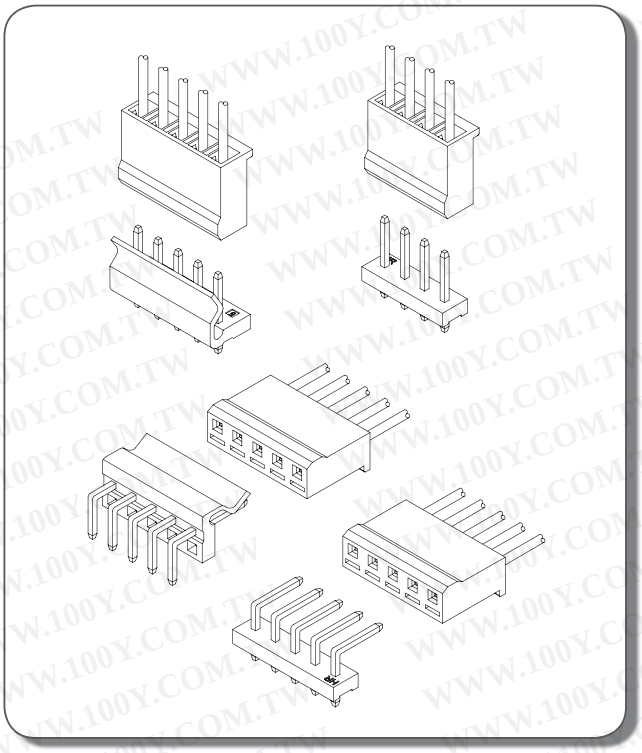


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5081WVA-02PR	5.08	10.16
A5081WVA-03PR	10.16	15.24
A5081WVA-04PR	15.24	20.32
A5081WVA-05PR	20.32	25.40
A5081WVA-06PR	25.40	30.48
A5081WVA-07PR	30.48	35.56
A5081WVA-08PR	35.56	40.64
A5081WVA-09PR	40.64	45.72

Unit:mm

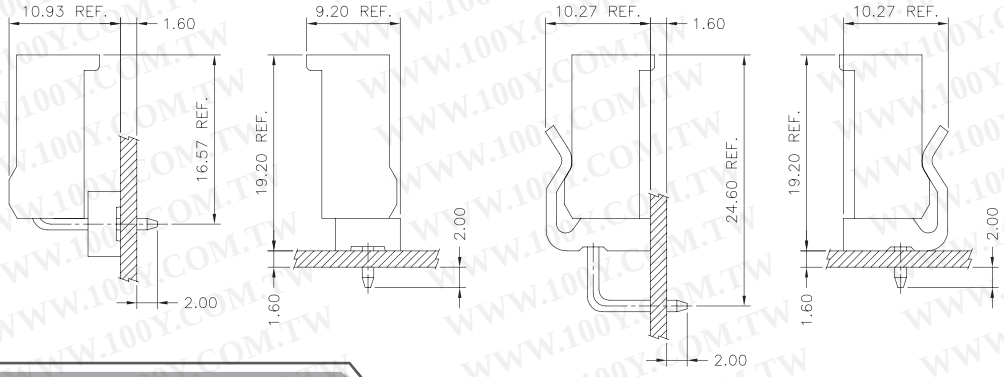
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

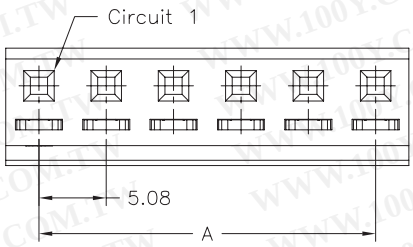
❶ ❷ ❸
A5082 H-05P

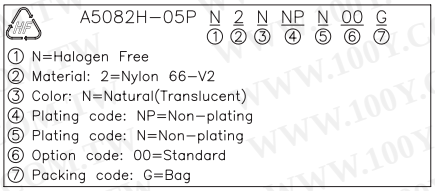
❶ Series No.
❷ H=Housing
❸ No. of circuits

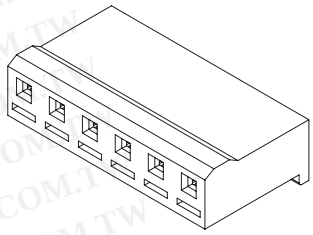
A5082H 5.08mm pitch Housing

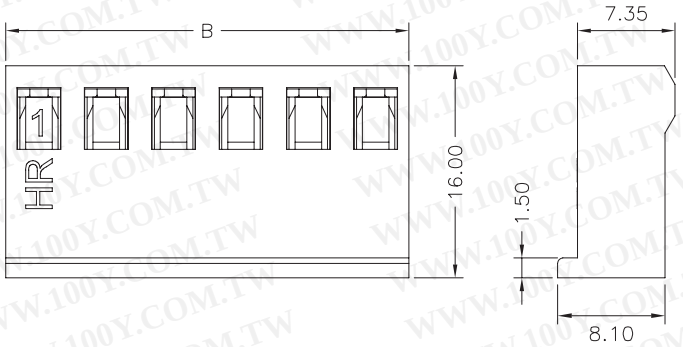
Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R A3962 series Terminal
*Mates with H.R A5081 series Wafer





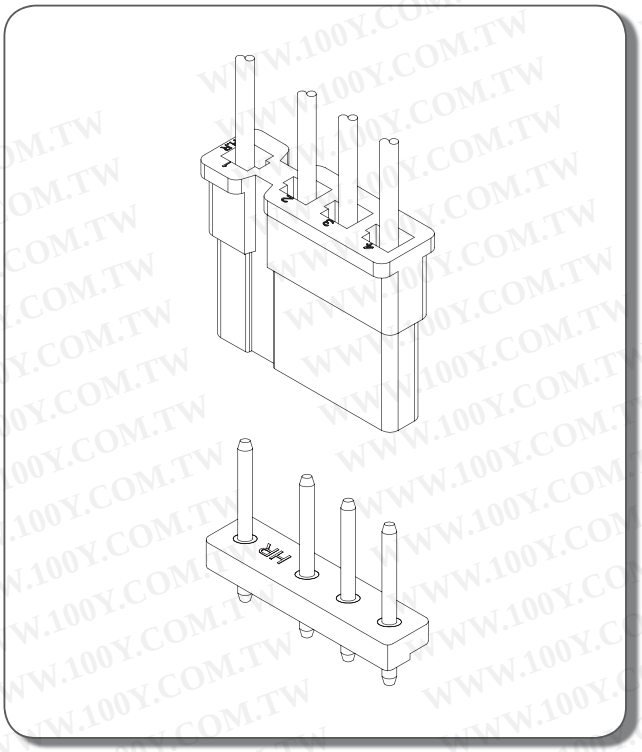




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A5082H-02P	5.08	10.08
A5082H-03P	10.16	15.16
A5082H-04P	15.24	20.24
A5082H-05P	20.32	25.32
A5082H-06P	25.40	30.40
A5082H-07P	30.48	35.48
A5082H-08P	35.56	40.56
A5082H-09P	40.64	45.64

Unit:mm



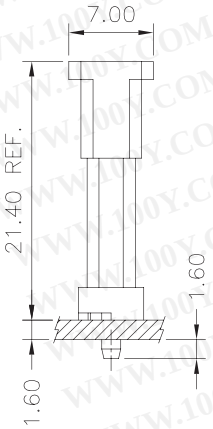
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A7500 – T B E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: B=Brass
❹ E=Stamping before plating

❶ ❷ ❸ ❹
A7500 H – 05P -BK

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code:
-BK=Black

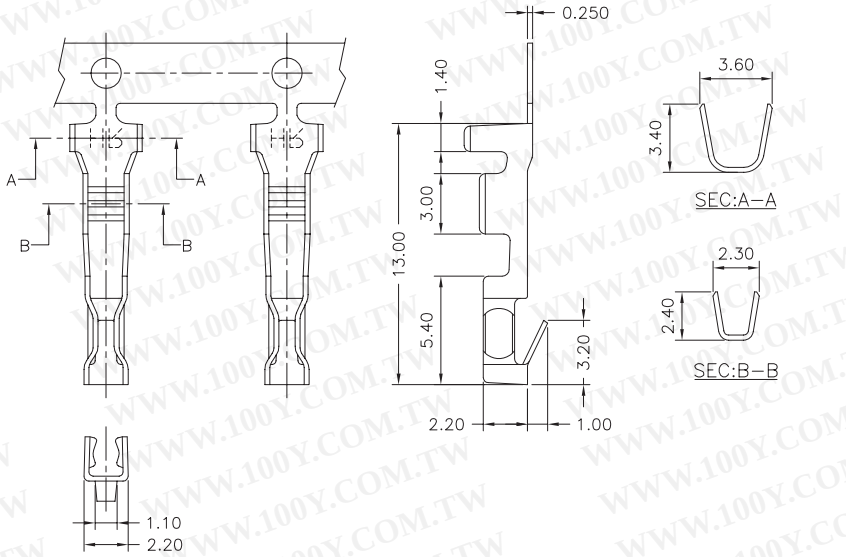
❶ ❷ ❸ ❹
A7500 WV – 05P BK

❶ Series No.
❷ Connector type: WV=Vertical
❸ No. of circuits
❹ Option code:
BK=Black

A7500-T 7.50-5.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A7500 series Housing



Ordering Information & Specifications: Unit:mm

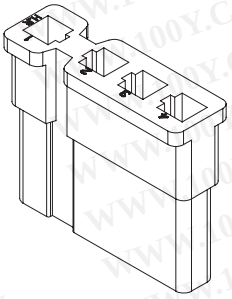
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A7500-TBE	AWG#18-#24	2.70mm(max)	Brass	Tin-plated	6,000pcs

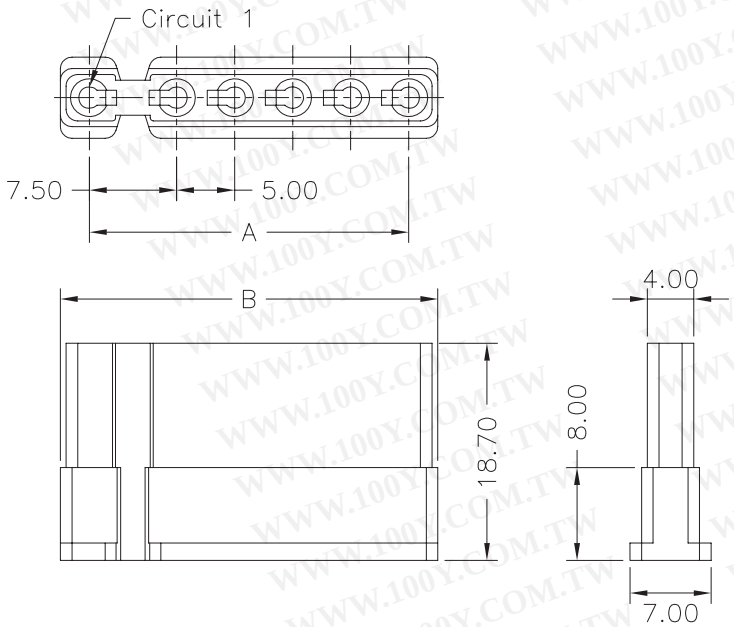
Note:E-Stamping before Tin-plated

A7500H 7.50-5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A7500 series Terminal
*Mates with H.R A7500 series Wafer





A7500H-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

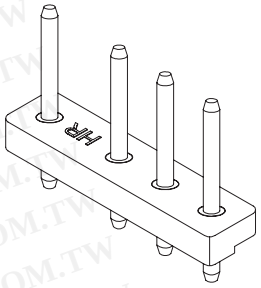
PART NO.	Dimensions	
	A	B
A7500H-01P	---	6.30
A7500H-02P	7.50	12.50
A7500H-03P	12.50	17.50
A7500H-04P	17.50	22.50
A7500H-05P	22.50	27.50
A7500H-06P	27.50	32.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

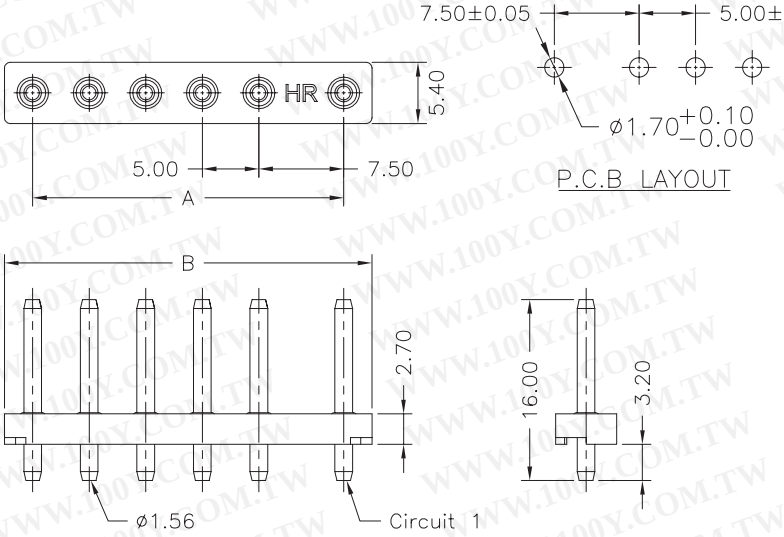
A7500WV

7.50-5.00mm pitch 180° Wafer



Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A7500 series Housing



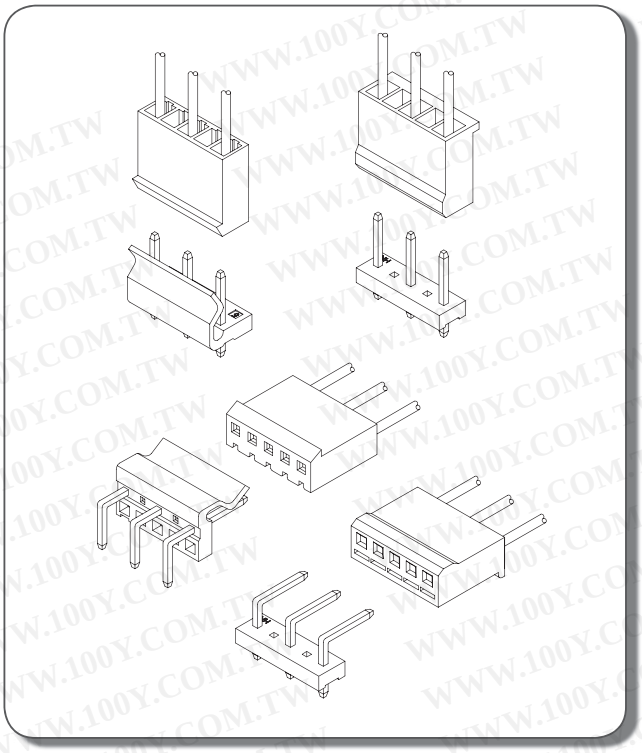
A7500WV-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7500WV-01P	---	5.00
A7500WV-02P	7.50	12.50
A7500WV-03P	12.50	17.50
A7500WV-04P	17.50	22.50
A7500WV-05P	22.50	27.50
A7500WV-06P	27.50	32.50

Unit:mm



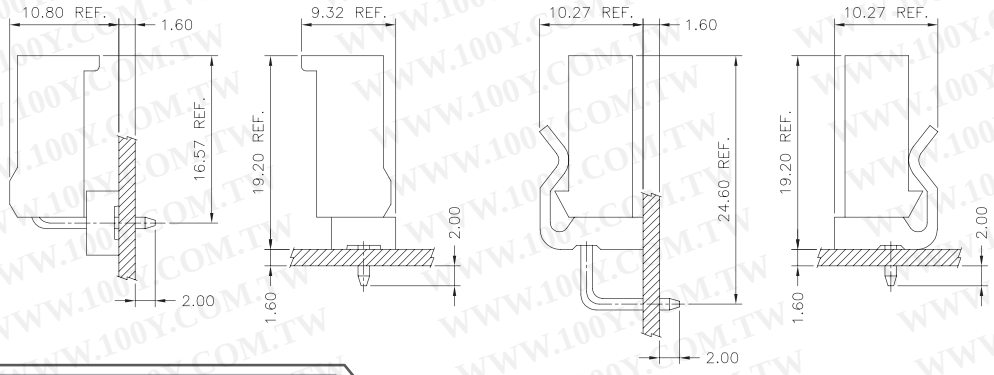
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ A7920 ❷ WV ❸ A – ❹ 05P ❺ R

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=With locking ramp
A=Without locking ramp
❹ No. of circuits
❺ Option code:
R=Round pin(Vertical type only)
V0=UL94V-0, White
BK=UL94V-2, Black
46G=Nylon 46, Gold-flash

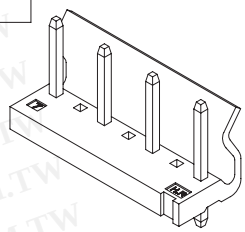
A7920WV

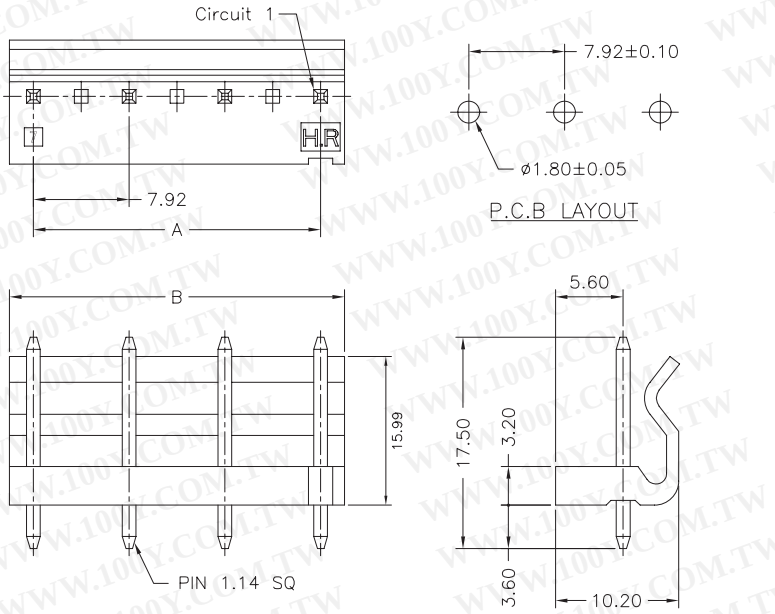
7.92mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing
*Nylon 46 is available

A7920WV-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7920WV-02P	7.92	11.88
A7920WV-03P	15.84	19.80
A7920WV-04P	23.76	27.72
A7920WV-05P	31.68	35.64
A7920WV-06P	39.60	43.56
A7920WV-07P	47.52	51.48
A7920WV-08P	55.44	59.40
A7920WV-09P	63.36	67.32
A7920WV-10P	71.28	75.24

Unit:mm

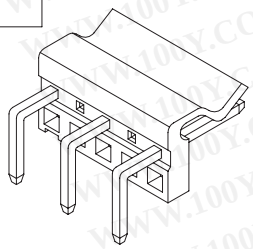
A7920WR

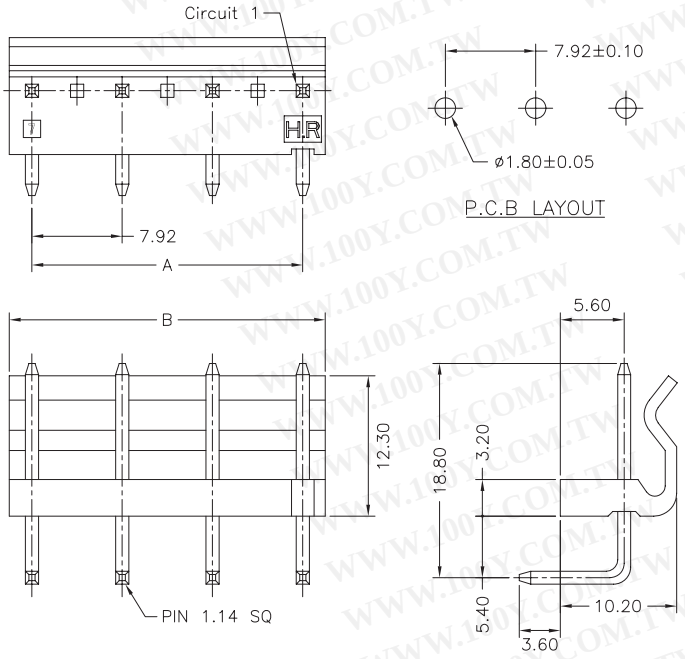
7.92mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing
*Nylon 46 is available

A7920WR-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7920WR-02P	7.92	11.88
A7920WR-03P	15.84	19.80
A7920WR-04P	23.76	27.72
A7920WR-05P	31.68	35.64
A7920WR-06P	39.60	43.56
A7920WR-07P	47.52	51.48
A7920WR-08P	55.44	59.40
A7920WR-09P	63.36	67.32
A7920WR-10P	71.28	75.24

Unit:mm

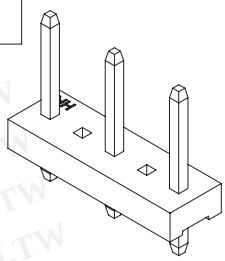
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

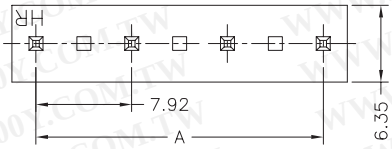
A7920WVA 7.92mm pitch 180° Wafer

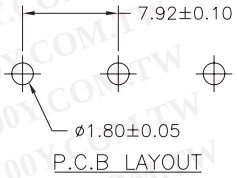
Reference Informations:

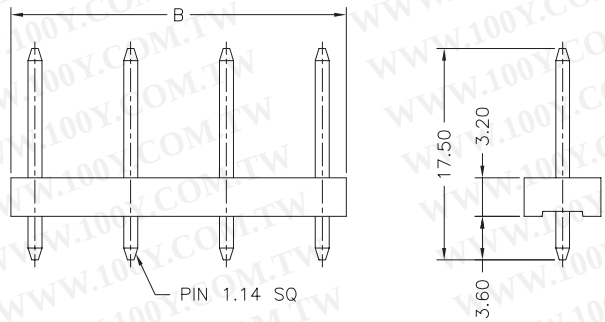
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing

A7920WVA-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7920WVA-02P	7.92	11.88
A7920WVA-03P	15.84	19.80
A7920WVA-04P	23.76	27.72
A7920WVA-05P	31.68	35.64
A7920WVA-06P	39.60	43.56
A7920WVA-07P	47.52	51.48
A7920WVA-08P	55.44	59.40
A7920WVA-09P	63.36	67.32
A7920WVA-10P	71.28	75.24

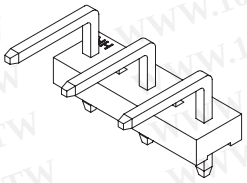
Unit:mm

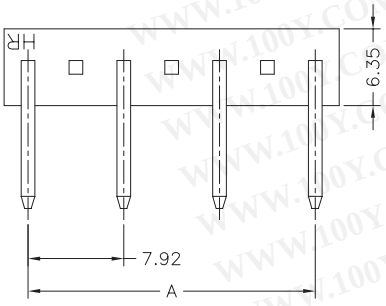
A7920WRA 7.92mm pitch 90° Wafer

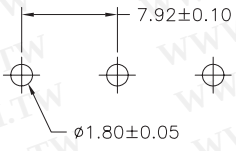
Reference Informations:

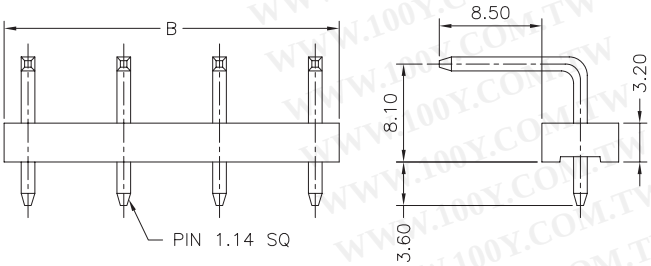
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing

A7920WRA-05P N 2 N T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7920WRA-02P	7.92	11.88
A7920WRA-03P	15.84	19.80
A7920WRA-04P	23.76	27.72
A7920WRA-05P	31.68	35.64
A7920WRA-06P	39.60	43.56
A7920WRA-07P	47.52	51.48
A7920WRA-08P	55.44	59.40
A7920WRA-09P	63.36	67.32
A7920WRA-10P	71.28	75.24

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

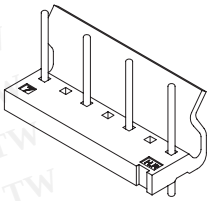
A7920WV

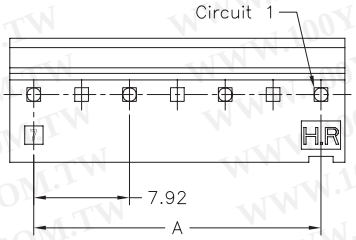
7.92mm pitch 180° Wafer, Round Pin

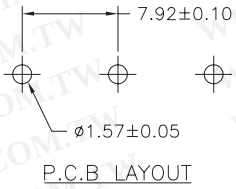
Reference Informations:

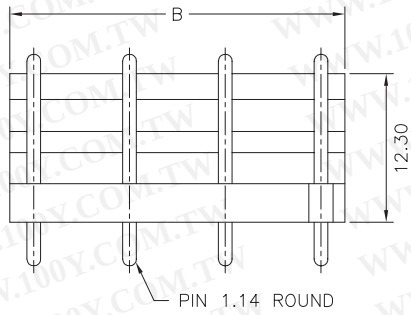
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing
*Nylon 46 is available

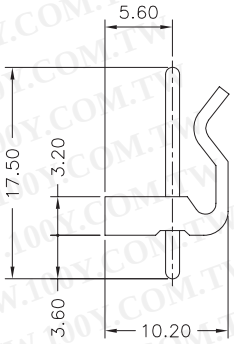
A7920WV-05P N 2 N T1 N R0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: R0=Round pin
⑦ Packing code: G=Bag











Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7920WV-02PR	7.92	11.88
A7920WV-03PR	15.84	19.80
A7920WV-04PR	23.76	27.72
A7920WV-05PR	31.68	35.64
A7920WV-06PR	39.60	43.56
A7920WV-07PR	47.52	51.48
A7920WV-08PR	55.44	59.40
A7920WV-09PR	63.36	67.32
A7920WV-10PR	71.28	75.24

Unit:mm

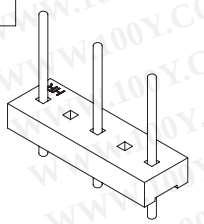
A7920WVA

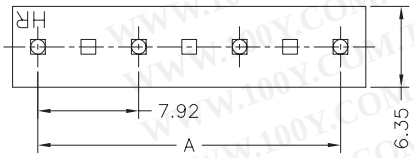
7.92mm pitch 180° Wafer, Round Pin

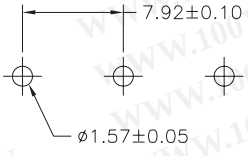
Reference Informations:

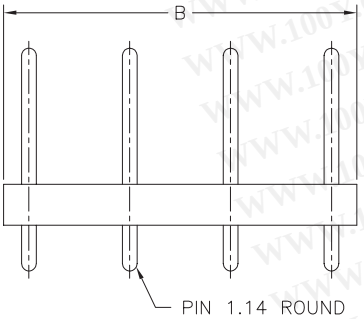
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R A3960 or A3962 series Housing

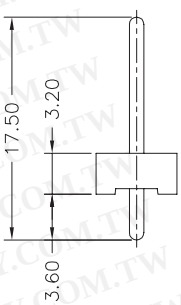
A7920WVA-05P N 2 N T1 N R0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: R0=Round pin
⑦ Packing code: G=Bag









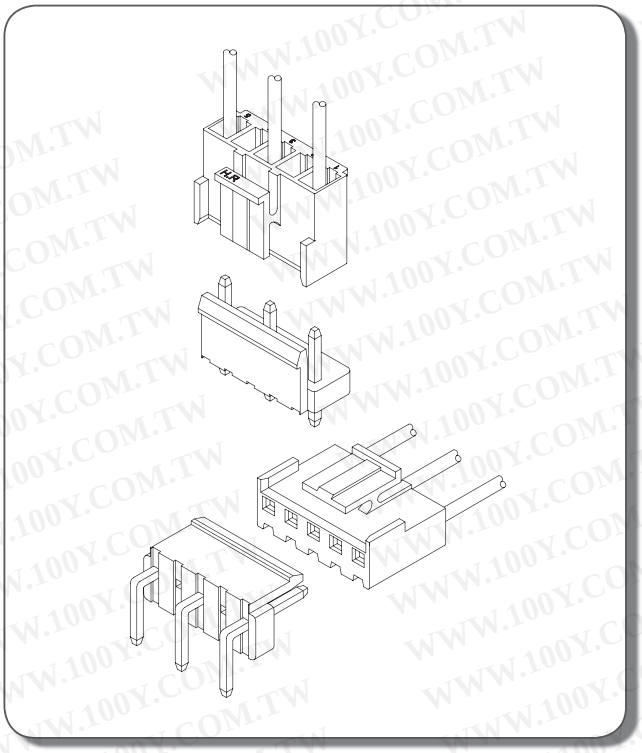


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7920WVA-02PR	7.92	11.88
A7920WVA-03PR	15.84	19.80
A7920WVA-04PR	23.76	27.72
A7920WVA-05PR	31.68	35.64
A7920WVA-06PR	39.60	43.56
A7920WVA-07PR	47.52	51.48
A7920WVA-08PR	55.44	59.40
A7920WVA-09PR	63.36	67.32
A7920WVA-10PR	71.28	75.24

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



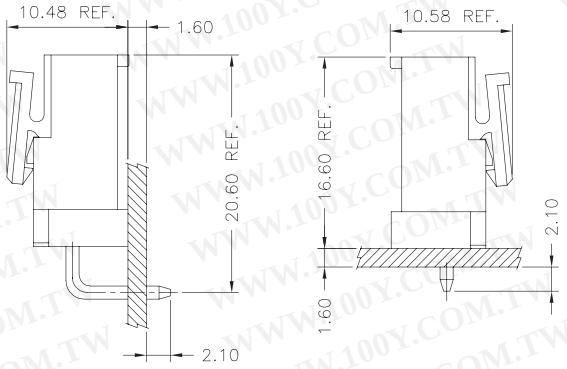
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ A7921 ❷ WV – ❸ 05P ❹ 46G

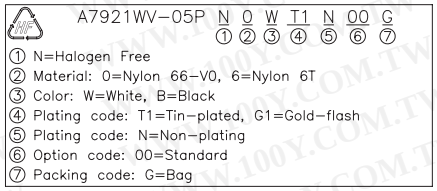
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❺ Option code:
46G=Nylon 46, Gold-flash

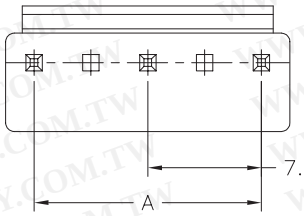
A7921WV

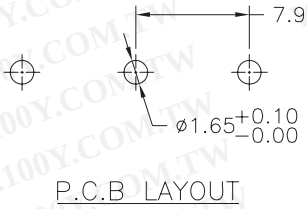
7.92mm pitch 180° Wafer

Reference Informations:

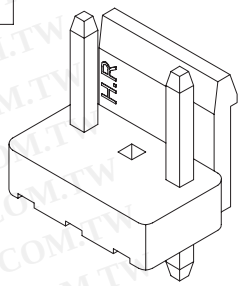
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A3961 series Housing
*Nylon 46 is available

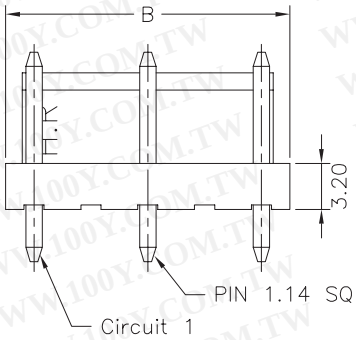


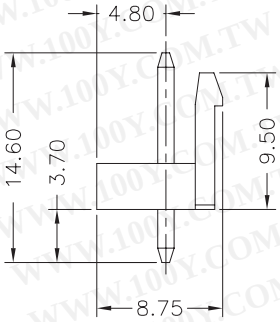




P.C.B LAYOUT







Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7921WV-02P	7.92	11.88
A7921WV-03P	15.84	19.80
A7921WV-04P	23.76	27.72
A7921WV-05P	31.68	35.64
A7921WV-06P	39.60	43.56
A7921WV-07P	47.52	51.48
A7921WV-08P	55.44	59.40

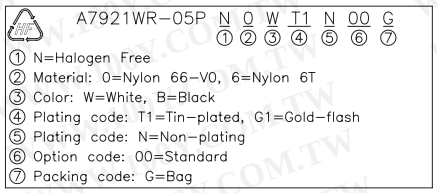
Unit:mm

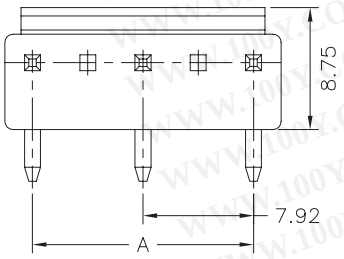
A7921WR

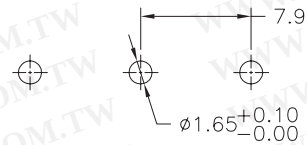
7.92mm pitch 90° Wafer

Reference Informations:

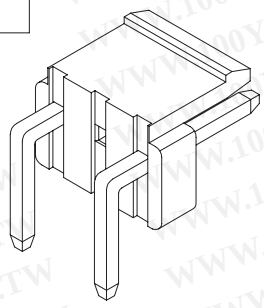
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A3961 series Housing
*Nylon 46 is available

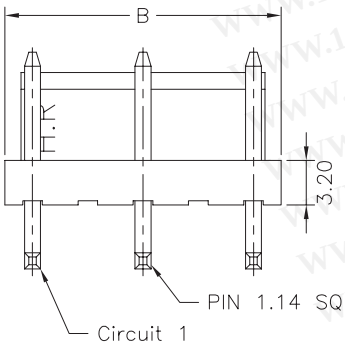


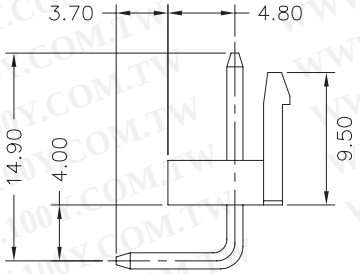




P.C.B LAYOUT





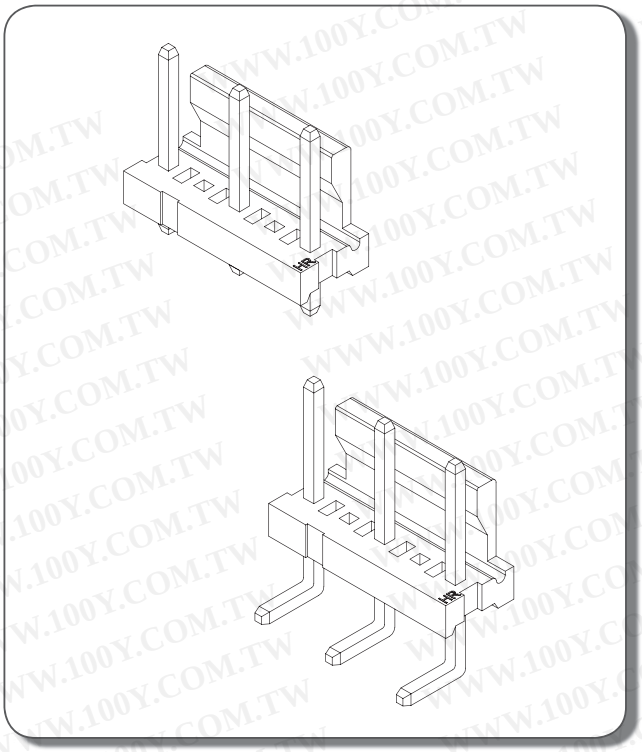


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7921WR-02P	7.92	11.88
A7921WR-03P	15.84	19.80
A7921WR-04P	23.76	27.72
A7921WR-05P	31.68	35.64
A7921WR-06P	39.60	43.56
A7921WR-07P	47.52	51.48
A7921WR-08P	55.44	59.40

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 7A AC,DC
Voltage rating: 600V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 3mΩ Max.
Insulation resistance: 5000MΩ Min.
Withstanding voltage: 2200V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
A7923 WV – 05P R

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits
❹ Option code:
R=Round pin(Vertical type only)
Y01=Soldertail length 4.45mm
YR1=Soldertail length 4.45mm, Round pin(Vertical type only)

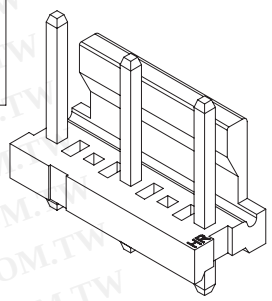
A7923WV

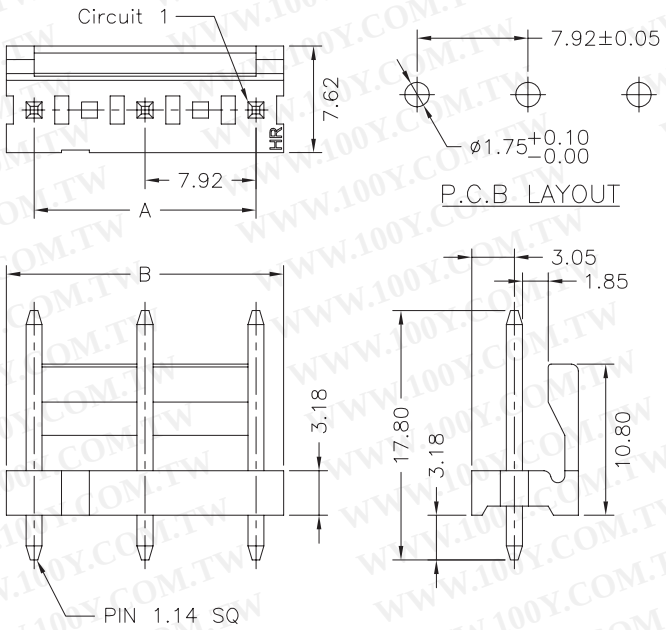
7.92mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Soldertail Length 4.45mm is available

A7923WV-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard, Y1=Soldertail 4.45mm
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7923WV-02P	7.92	11.88
A7923WV-03P	15.84	19.80
A7923WV-04P	23.76	27.72
A7923WV-05P	31.68	35.64
A7923WV-06P	39.60	43.56
A7923WV-07P	47.52	51.48
A7923WV-08P	55.44	59.40
A7923WV-09P	63.36	67.32
A7923WV-10P	71.28	75.24

Unit:mm

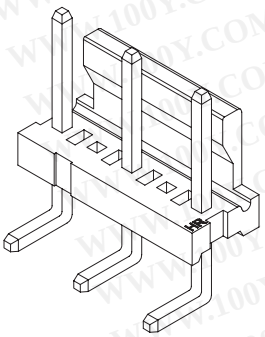
A7923WR

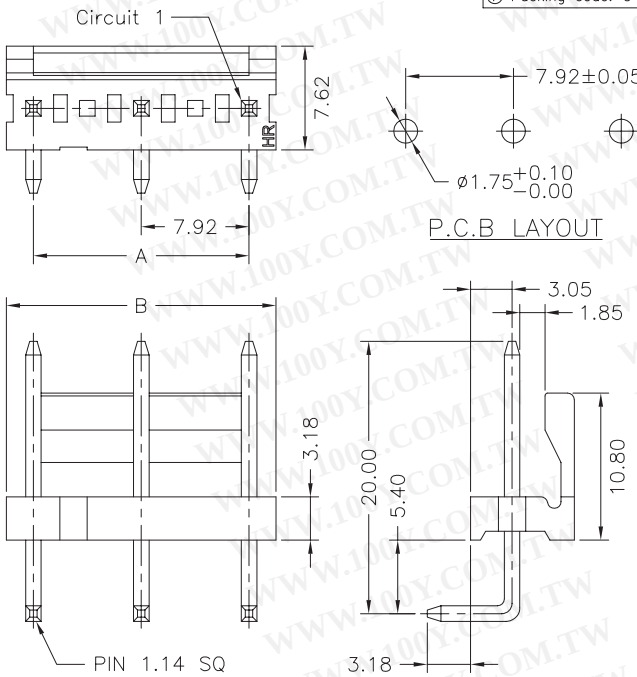
7.92mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Soldertail Length 4.45mm is available

A7923WR-05P N 0 W T1 N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard, Y1=Soldertail 4.45mm
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7923WR-02P	7.92	11.88
A7923WR-03P	15.84	19.80
A7923WR-04P	23.76	27.72
A7923WR-05P	31.68	35.64
A7923WR-06P	39.60	43.56
A7923WR-07P	47.52	51.48
A7923WR-08P	55.44	59.40
A7923WR-09P	63.36	67.32
A7923WR-10P	71.28	75.24

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

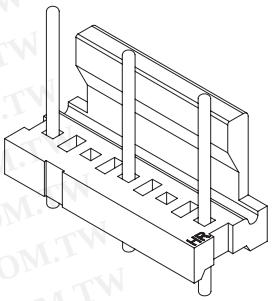
A7923WV

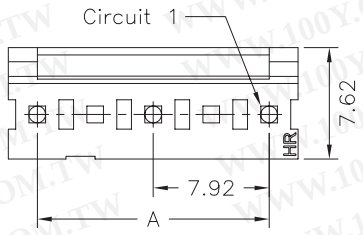
7.92mm pitch 180° Wafer, Round Pin

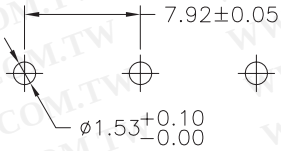
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Soldertail Length 4.45mm is available

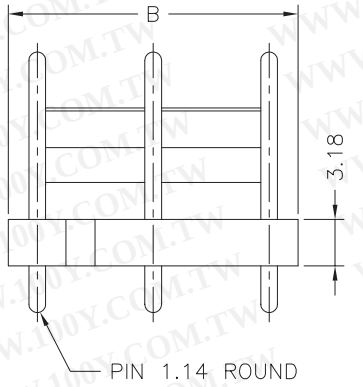
A7923WV-05P N 0 W T1 N R0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: R0=Round pin, R1=Soldertail 4.45mm
⑦ Packing code: G=Bag

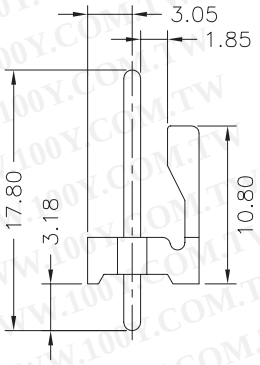






P.C.B LAYOUT

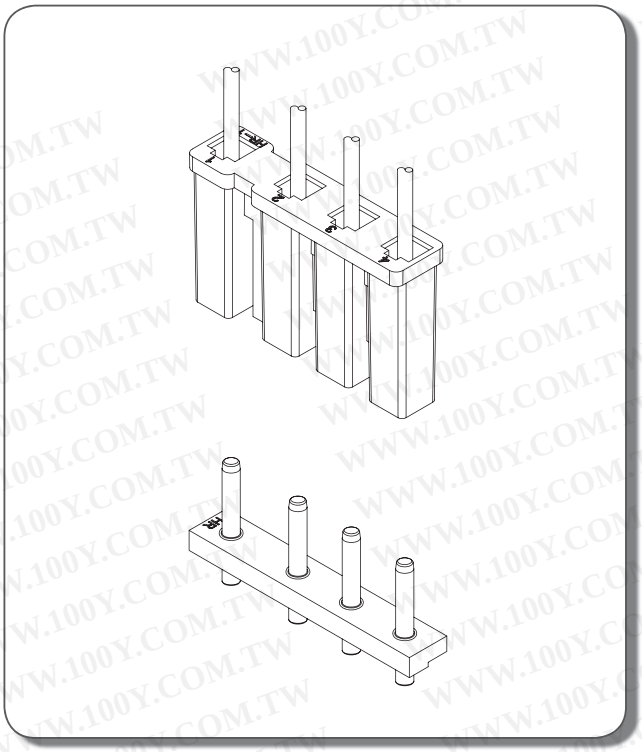




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A7923WV-02PR	7.92	11.88
A7923WV-03PR	15.84	19.80
A7923WV-04PR	23.76	27.72
A7923WV-05PR	31.68	35.64
A7923WV-06PR	39.60	43.56
A7923WV-07PR	47.52	51.48
A7923WV-08PR	55.44	59.40
A7923WV-09PR	63.36	67.32
A7923WV-10PR	71.28	75.24

Unit:mm



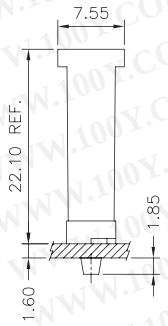
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹
A1080 – T B E

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: B=Brass
❹ E=Stamping before plating

❶ ❷ ❸ ❹
A1080 H – 05P -PT

❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code:
–PT=PBT,Black
–GY=Nylon 66-V0,Gray

❶ ❷ ❸ ❹
A1080 WV – 05P PT

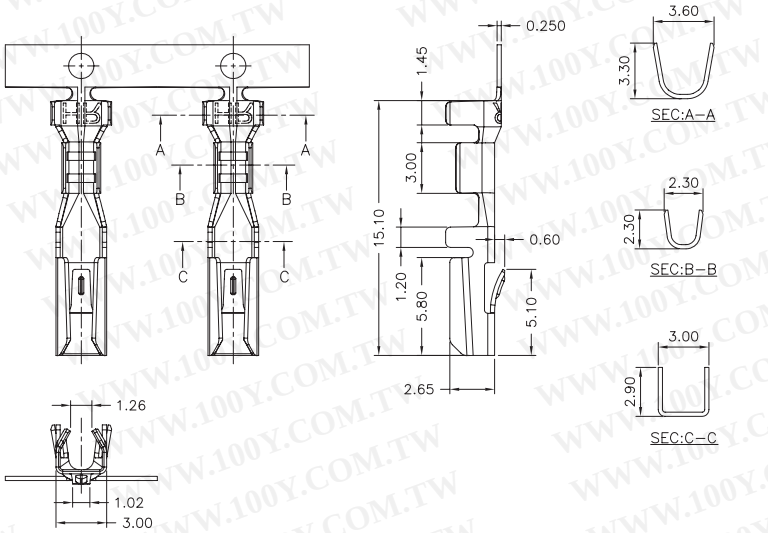
❶ Series No.
❷ Connector type: WV=Vertical
❸ No. of circuits
❹ Option code: PT=PBT,Black

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

A1080-T 10.00-8.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A1080 series Housing



Ordering Information & Specifications: Unit:mm

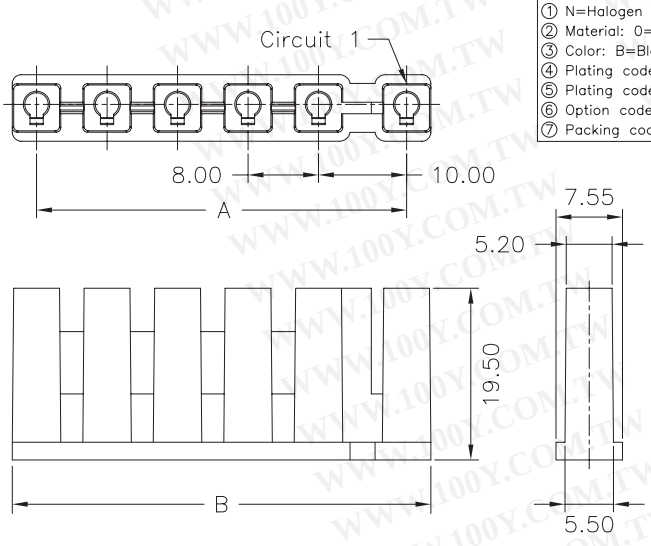
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1080-TBE	AWG#18-#24	2.90mm(max)	Brass	Tin-plated	6,000pcs

Note:E-Stamping before Tin-plated

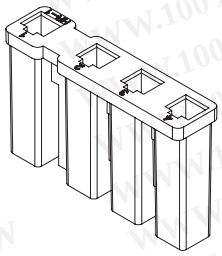
A1080H 10.00-8.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R A1080 series Terminal
*Mates with H.R A1080 series Wafer
*PBT is available



A1080H-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, P=PBT
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1080H-01P	---	7.20
A1080H-02P	10.00	15.50
A1080H-03P	18.00	23.50
A1080H-04P	26.00	31.50
A1080H-05P	34.00	39.50
A1080H-06P	42.00	47.50

Unit:mm

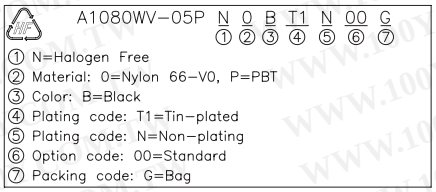
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

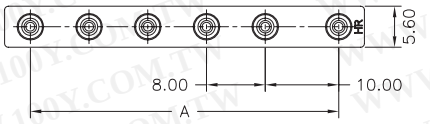
A1080WV

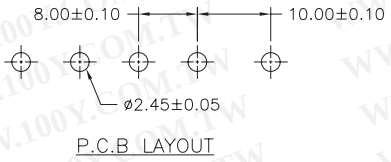
10.00-8.00mm pitch 180° Wafer

Reference Informations:

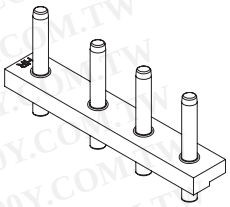
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R A1080 series Housing
*PBT is available

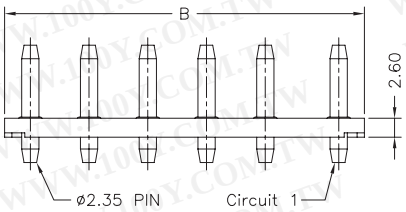


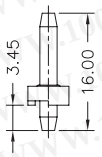




P.C.B LAYOUT



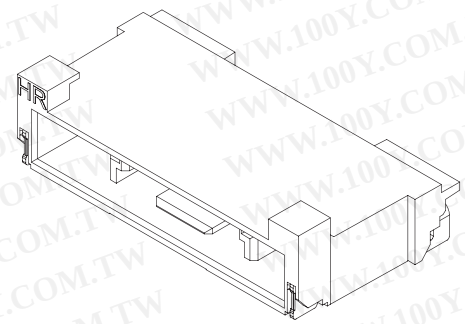




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1080WV-01P	---	7.00
A1080WV-02P	10.00	17.00
A1080WV-03P	18.00	25.00
A1080WV-04P	26.00	33.00
A1080WV-05P	34.00	41.00
A1080WV-06P	42.00	49.00

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 3000V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 5000V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
A1300 WR - S - 02P D01

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
D01=Gold-flash, Taping reel

A1300WR-S-02P

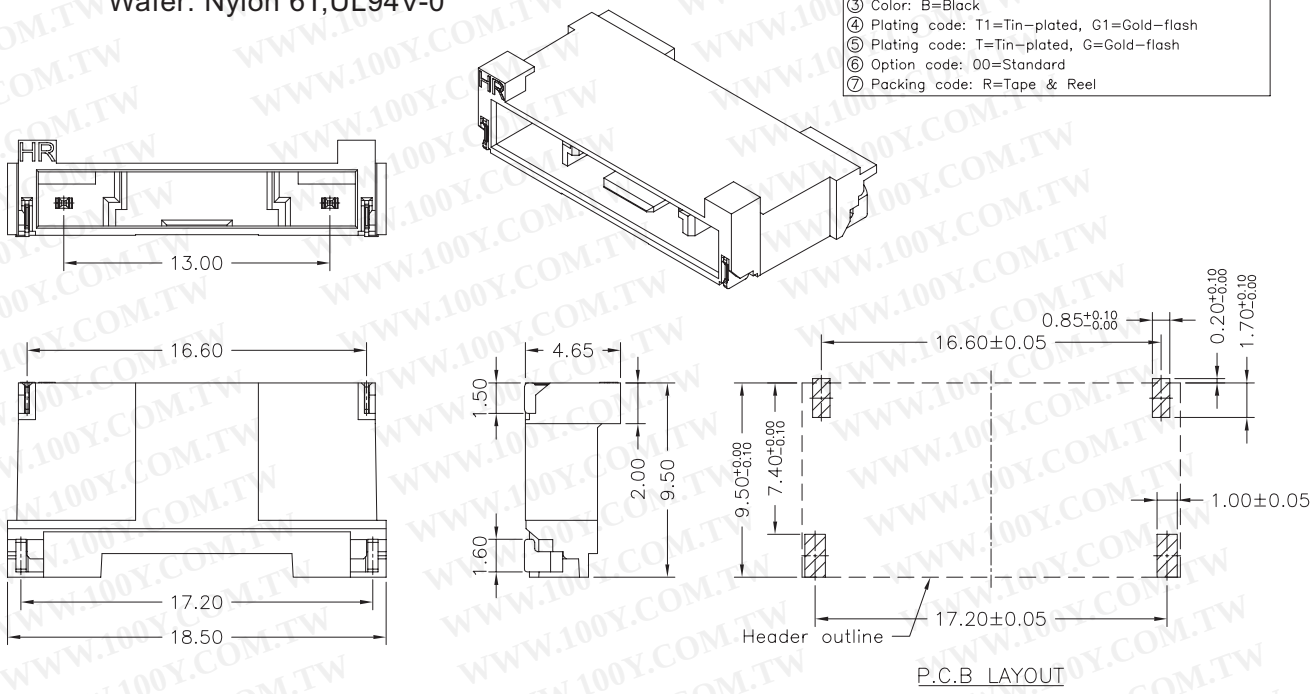
13.00mm pitch 90° Wafer - SMT TYPE

Reference Informations:

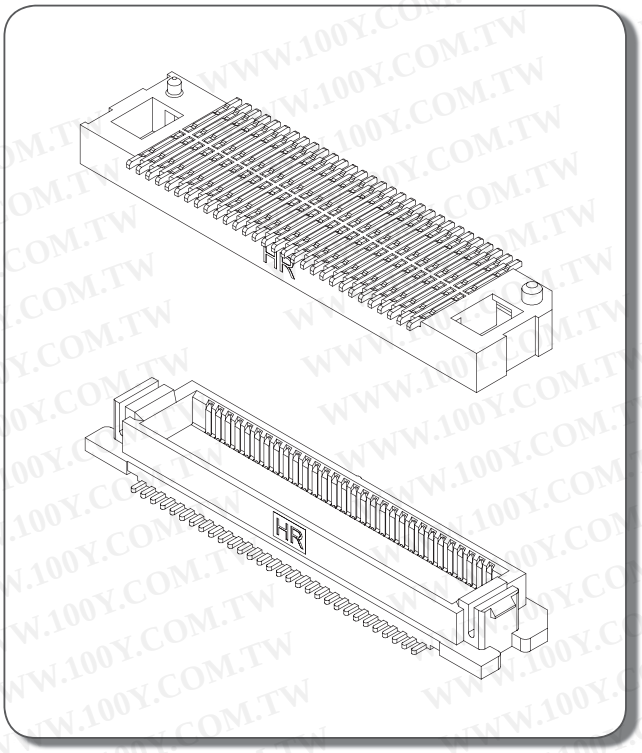
*Material: Pin: Brass/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0

A1300WR-S-02P N 6 B T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



P.C.B LAYOUT



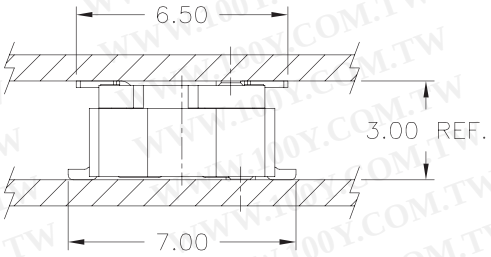
Specifications

Current rating: 0.4A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 45mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 300V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ B0600 ❷ HF – ❸ SF – ❹ 2X ❺ 30P

❶ Series No.
❷ Connector type: HF=Female
❸ Mounting type: SF=SMT with boss
❹ 2X=Dual row
❺ No. of circuits

❶ B0600 ❷ HM ❸ A – ❹ SF – ❺ 2X ❻ 30P

❶ Series No.
❷ Connector type: HM=Male
❸ Blank=With lock structure type
A=Without lock structure type
❹ Mounting type: SF=SMT with boss
❺ 2X=Dual row
❻ No. of circuits

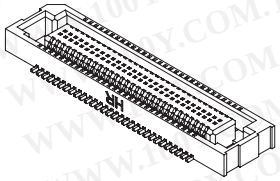
B0600HF-SF

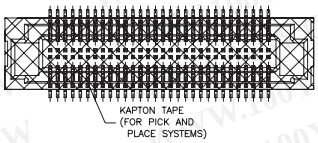
0.60mm pitch Housing - SMT TYPE

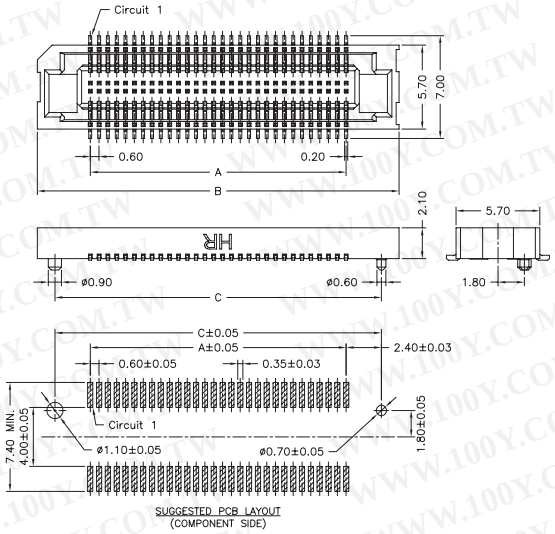
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Housing: Nylon 6T,UL94V-0
*Mates with H.R B0600HM series Housing

B0600HF-SF-2X30P N 6 B G2 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T, L=LCP
③ Color: B=Black, N=Natural(Beige)
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)







Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
B0600HF-SF-2X30P	17.40	24.60	22.20
B0600HF-SF-2X40P	23.40	30.60	28.20
B0600HF-SF-2X50P	29.40	36.60	34.20
B0600HF-SF-2X60P	35.40	42.60	40.20

Unit:mm

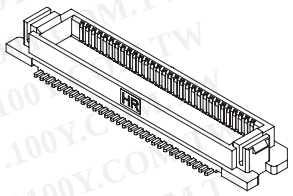
B0600HM-SF

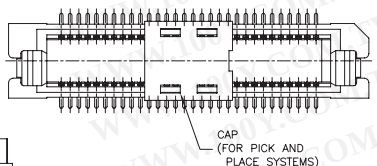
0.60mm pitch Housing - SMT TYPE

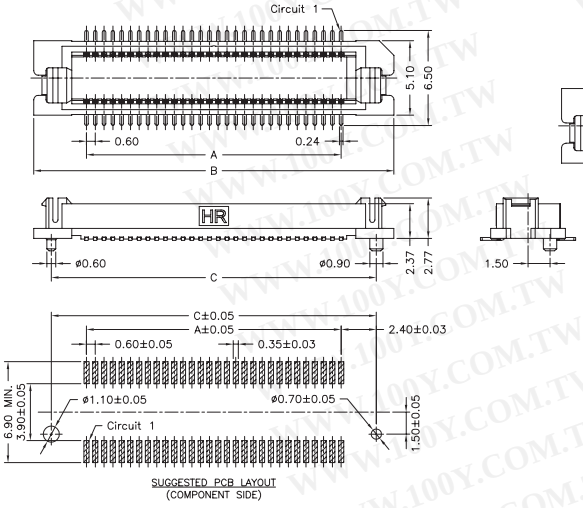
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Housing: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R B0600HF series Housing

B0600HM-SF-2X30P N 6 B G2 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T, L=LCP
③ Color: B=Black, N=Natural(Beige)
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)







Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
B0600HM-SF-2X30P	17.40	24.60	22.20
B0600HM-SF-2X40P	23.40	30.60	28.20
B0600HM-SF-2X50P	29.40	36.60	34.20
B0600HM-SF-2X60P	35.40	42.60	40.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

B0600HMA-SF

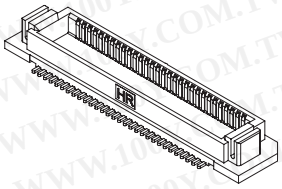
0.60mm pitch Housing - SMT TYPE

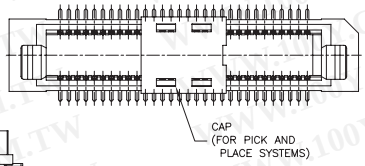
Reference Informations:

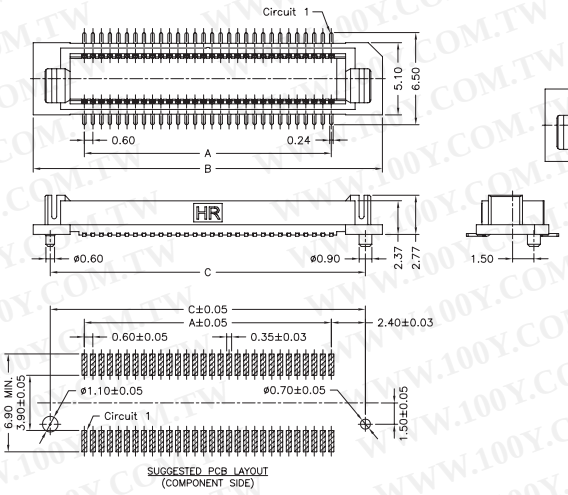
*Material: Pin: Phosphor Bronze/Gold-plated
Housing: Nylon 6T,UL94V-0
Cap: Nylon 6T,UL94V-0
*Mates with H.R B0600HF series Housing

B0600HMA-SF-2X30P N 6 B G2 N 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 6=Nylon 6T, L=LCP
③ Color: B=Black, N=Natural(Beige)
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Cap)



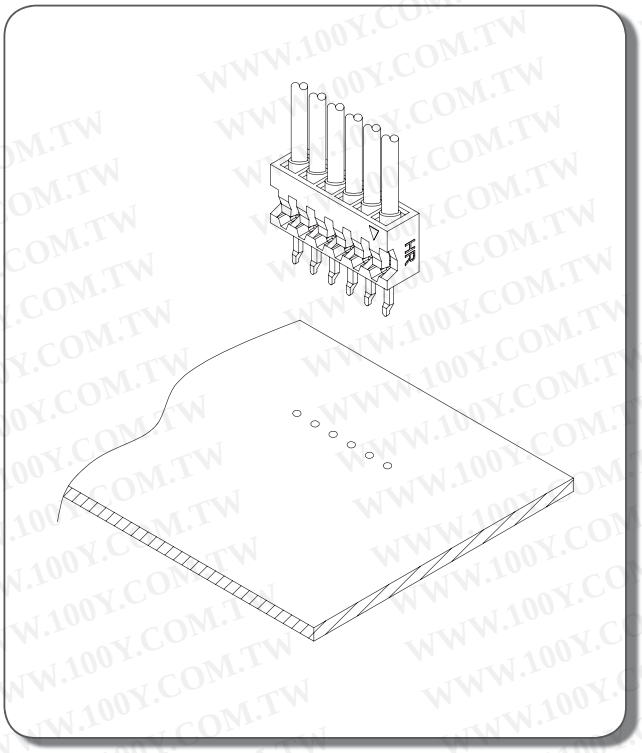




Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
B0600HMA-SF-2X30P	17.40	24.60	22.20
B0600HMA-SF-2X40P	23.40	30.60	28.20
B0600HMA-SF-2X50P	29.40	36.60	34.20
B0600HMA-SF-2X60P	35.40	42.60	40.20

Unit:mm



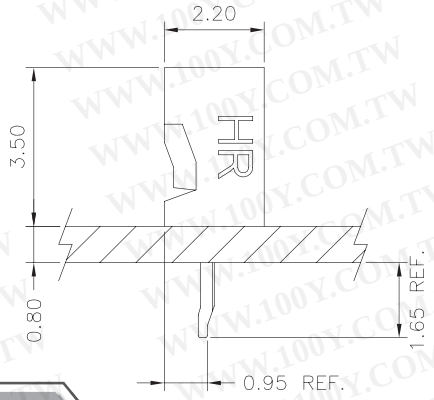
Specifications

Current rating: 1A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
B1259 V-T P E

❶ Series No.
❷ Terminal type: V=Vertical
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor bronze
❺ E=Stamping before plating

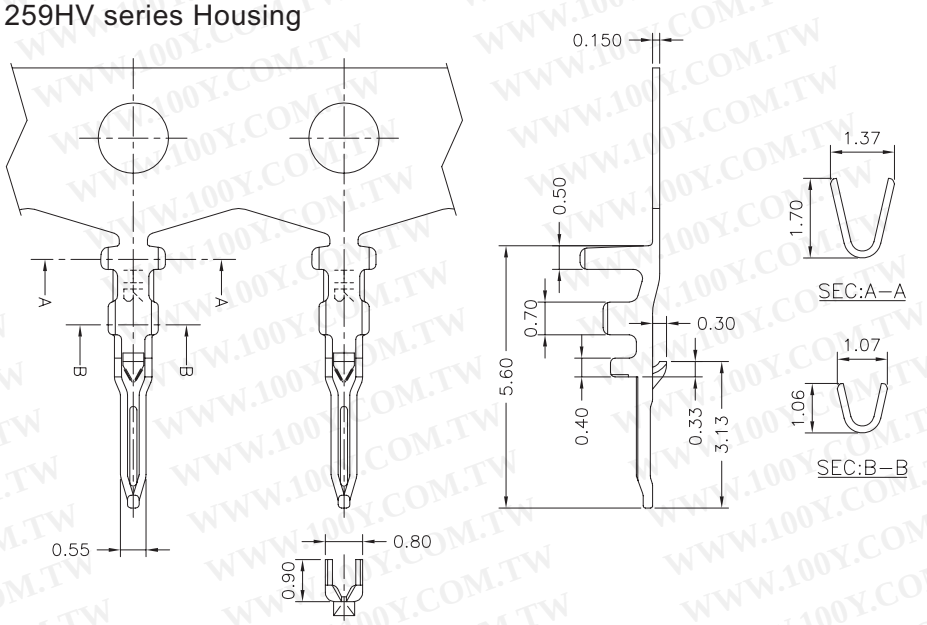
❶ ❷ ❸
B1259 HV-05P

❶ Series No.
❷ Housing type: HV=Vertical
❸ No. of circuits

B1259V-T 1.25mm pitch 180° Crimp Terminal

Reference Informations:

*Used in H.R B1259HV series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B1259V-TPE	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Tin-plated	15,000pcs

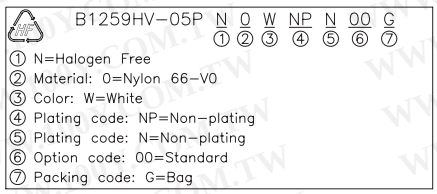
Note:E-Stamping before Tin-plated

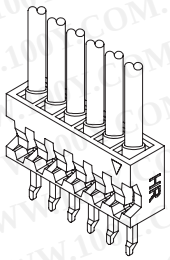
B1259HV 1.25mm pitch 180° Housing

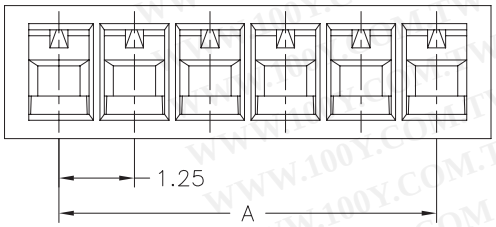
Reference Informations:

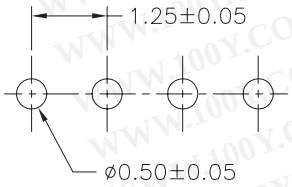
*Material: Nylon 66,UL94V-0

*Suitable H.R B1259V series Terminal

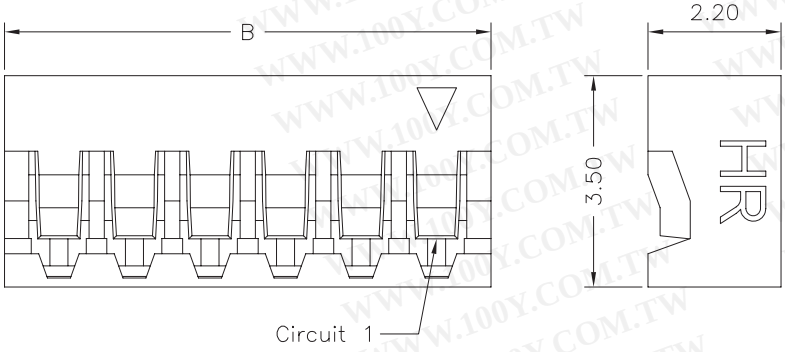








PCB LAYOUT

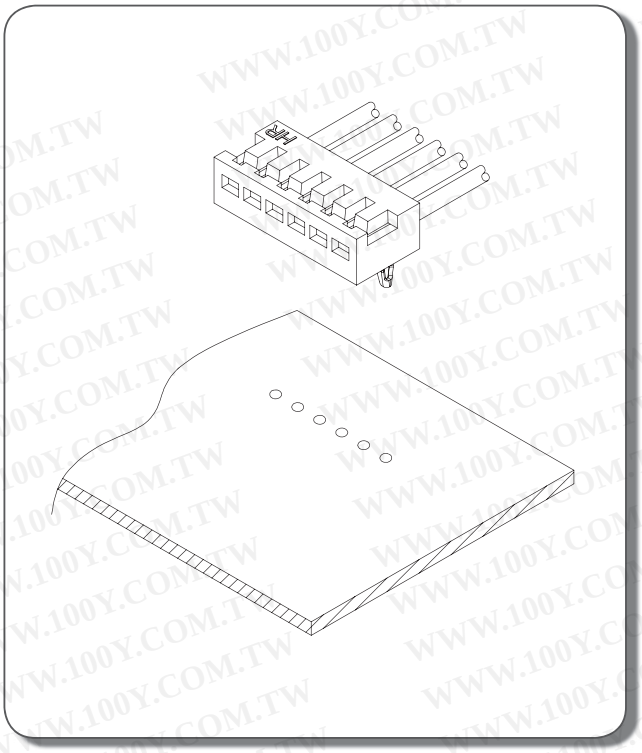


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B1259HV-02P	1.25	3.05
B1259HV-03P	2.50	4.30
B1259HV-04P	3.75	5.55
B1259HV-05P	5.00	6.80
B1259HV-06P	6.25	8.05
B1259HV-07P	7.50	9.30
B1259HV-08P	8.75	10.55
B1259HV-09P	10.00	11.80
B1259HV-10P	11.25	13.05
B1259HV-11P	12.50	14.30
B1259HV-12P	13.75	15.55
B1259HV-13P	15.00	16.80
B1259HV-14P	16.25	18.05
B1259HV-15P	17.50	19.30

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



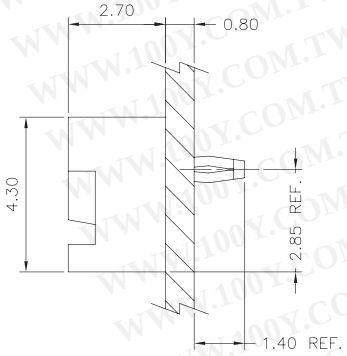
Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
B1502 R-T B E

❶ Series No.
❷ Terminal type: R=Right angle
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

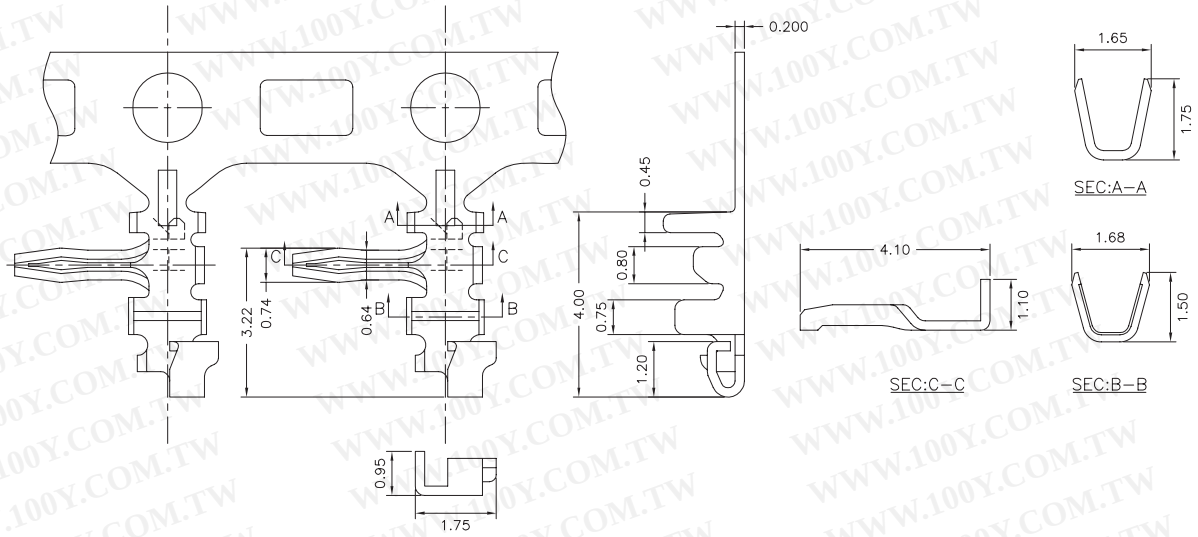
❶ ❷ ❸
B1502 HR-05P

❶ Series No.
❷ Housing type: HR=Right angle
❸ No. of circuits

B1502R-T 1.50mm pitch 90° Crimp Terminal

Reference Informations:

*Used in H.R B1502HR series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B1502R-TBE	AWG#28-#30	1.00mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

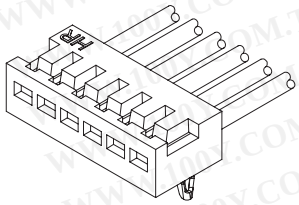
B1502HR 1.50mm pitch 90° Housing

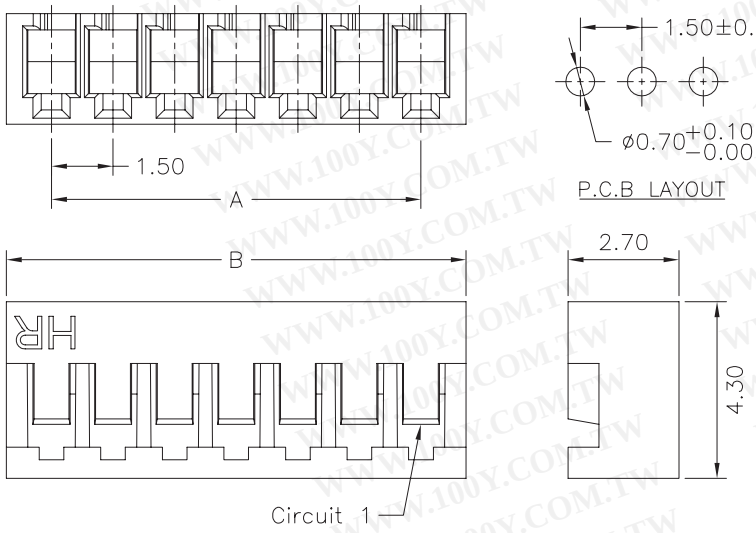
Reference Informations:

*Material: Nylon 66,UL94V-0

*Suitable H.R B1502R series Terminal



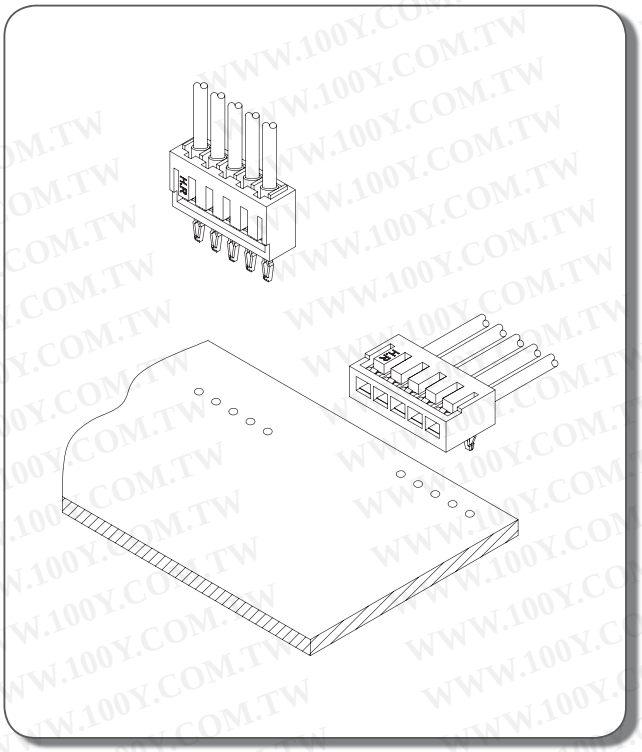




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B1502HR-02P	1.50	3.70
B1502HR-03P	3.00	5.20
B1502HR-04P	4.50	6.70
B1502HR-05P	6.00	8.20
B1502HR-06P	7.50	9.70
B1502HR-07P	9.00	11.20
B1502HR-08P	10.50	12.70
B1502HR-09P	12.00	14.20
B1502HR-10P	13.50	15.70
B1502HR-11P	15.00	17.20
B1502HR-12P	16.50	18.70
B1502HR-13P	18.00	20.20
B1502HR-14P	19.50	21.70
B1502HR-15P	21.00	23.20

Unit:mm



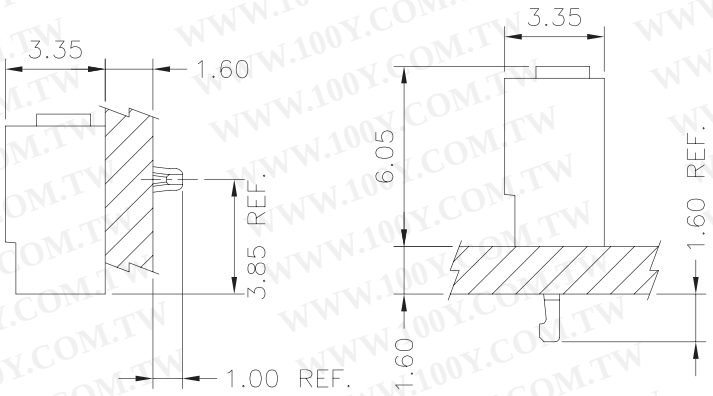
Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
B2011 V - T B E

❶ Series No.
❷ Terminal type: V=Vertical, R=Right angle
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

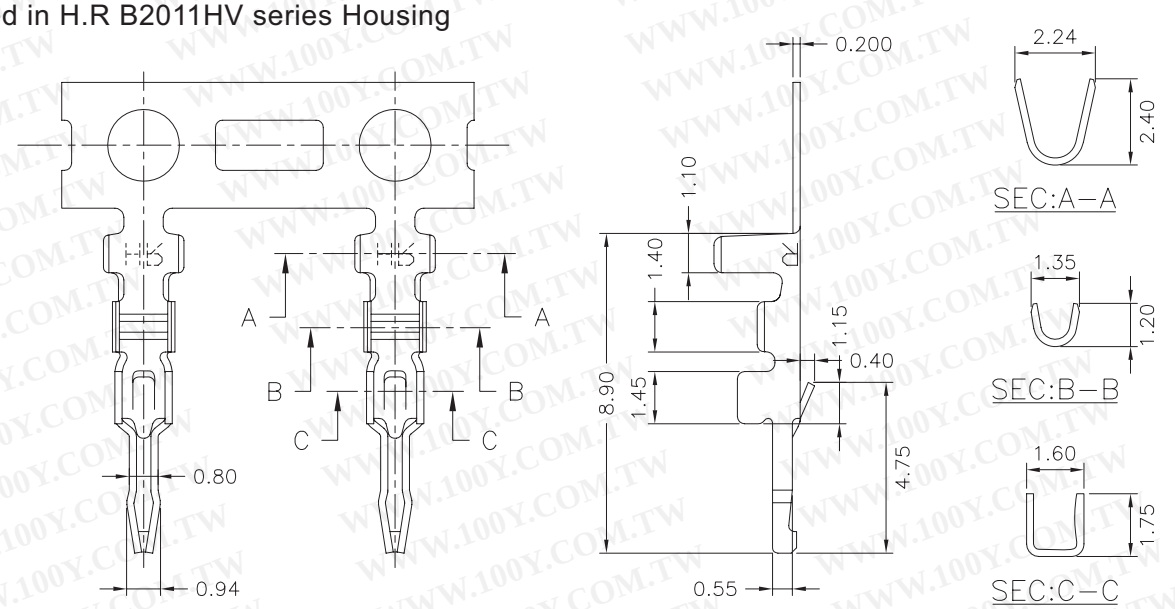
❶ ❷ ❸ ❹
B2011 HV - 05P -46

❶ Series No.
❷ Housing type: HV=Vertical, HR=Right angle
❸ No. of circuits
❹ Option code:
-46=Nylon 46

B2011V-T 2.00mm pitch 180° Crimp Terminal

Reference Informations:

*Used in H.R B2011HV series Housing



Ordering Information & Specifications: Unit:mm

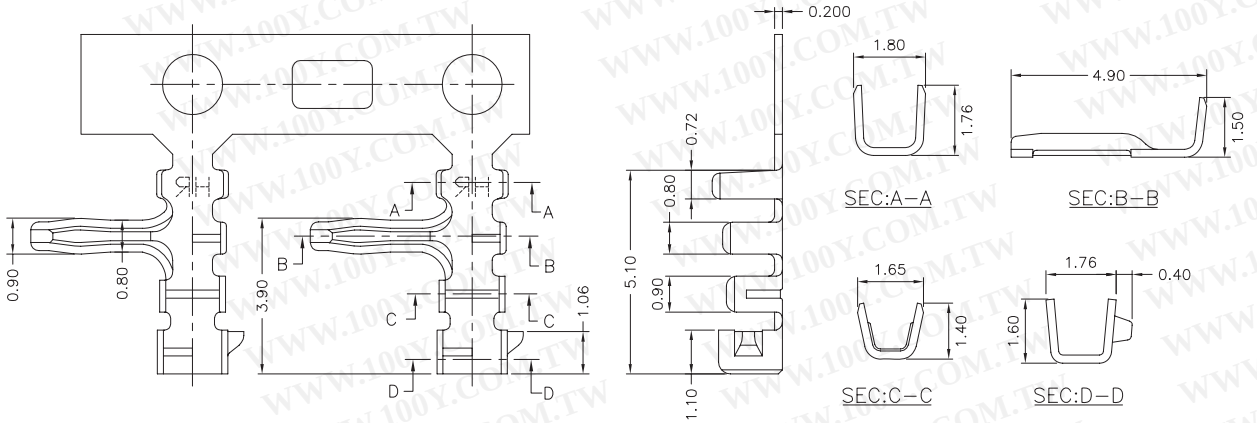
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B2011V-TBE	AWG#24-#30	1.30mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

B2011R-T 2.00mm pitch 90° Crimp Terminal

Reference Informations:

*Used in H.R B2011HR series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B2011R-TBE	AWG#24-#30	1.30mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

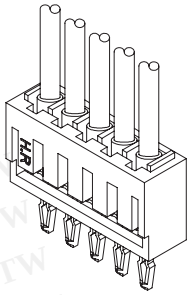
B2011HV

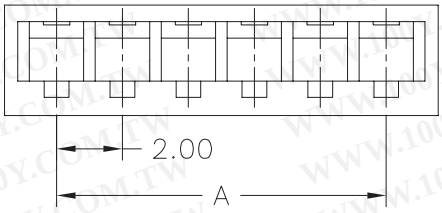
2.00mm pitch 180° Housing

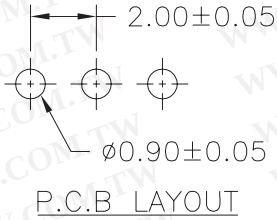
Reference Informations:

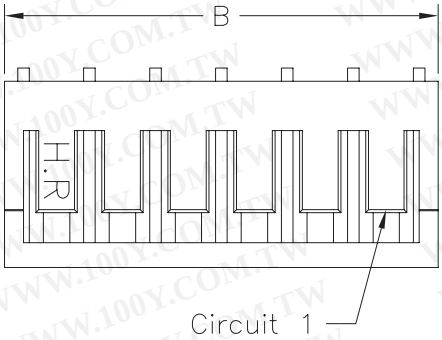
*Material: Nylon 66,UL94V-0
*Suitable H.R B2011V series Terminal
*Nylon 46 is available

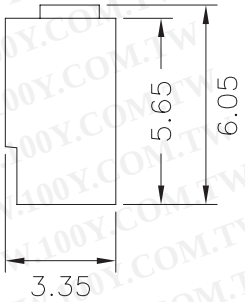
B2011HV-05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag











Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2011HV-02P	2.00	5.15
B2011HV-03P	4.00	7.15
B2011HV-04P	6.00	9.15
B2011HV-05P	8.00	11.15
B2011HV-06P	10.00	13.15
B2011HV-07P	12.00	15.15
B2011HV-08P	14.00	17.15
B2011HV-09P	16.00	19.15
B2011HV-10P	18.00	21.15
B2011HV-11P	20.00	23.15
B2011HV-12P	22.00	25.15
B2011HV-13P	24.00	27.15
B2011HV-14P	26.00	29.15
B2011HV-15P	28.00	31.15
B2011HV-16P	30.00	33.15

Unit:mm

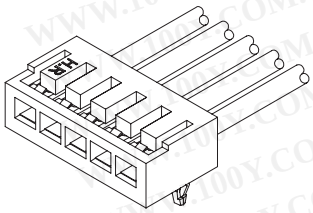
B2011HR

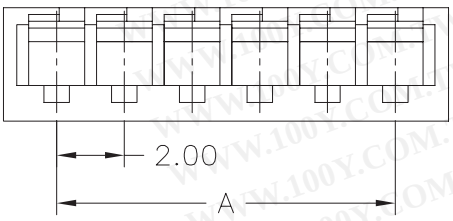
2.00mm pitch 90° Housing

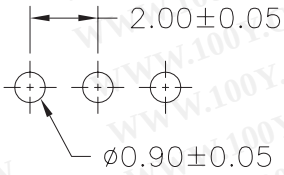
Reference Informations:

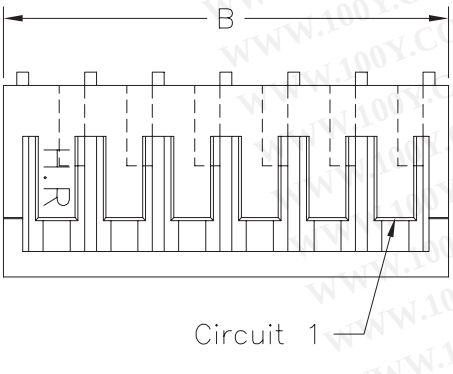
*Material: Nylon 66,UL94V-0
*Suitable H.R B2011R series Terminal
*Nylon 46 is available

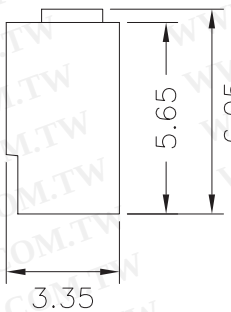
B2011HR-05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag









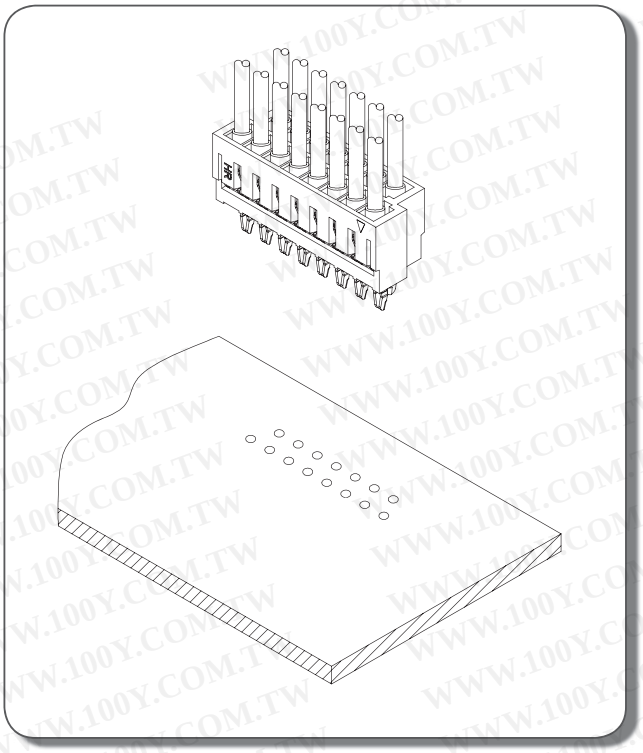


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2011HR-02P	2.00	5.15
B2011HR-03P	4.00	7.15
B2011HR-04P	6.00	9.15
B2011HR-05P	8.00	11.15
B2011HR-06P	10.00	13.15
B2011HR-07P	12.00	15.15
B2011HR-08P	14.00	17.15
B2011HR-09P	16.00	19.15
B2011HR-10P	18.00	21.15
B2011HR-11P	20.00	23.15
B2011HR-12P	22.00	25.15
B2011HR-13P	24.00	27.15
B2011HR-14P	26.00	29.15
B2011HR-15P	28.00	31.15
B2011HR-16P	30.00	33.15

Unit:mm

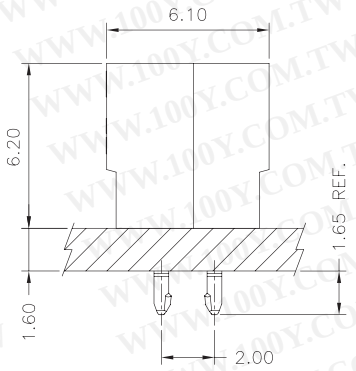
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
B2012 V-T B E

❶ Series No.
❷ Terminal type: V=Vertical
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

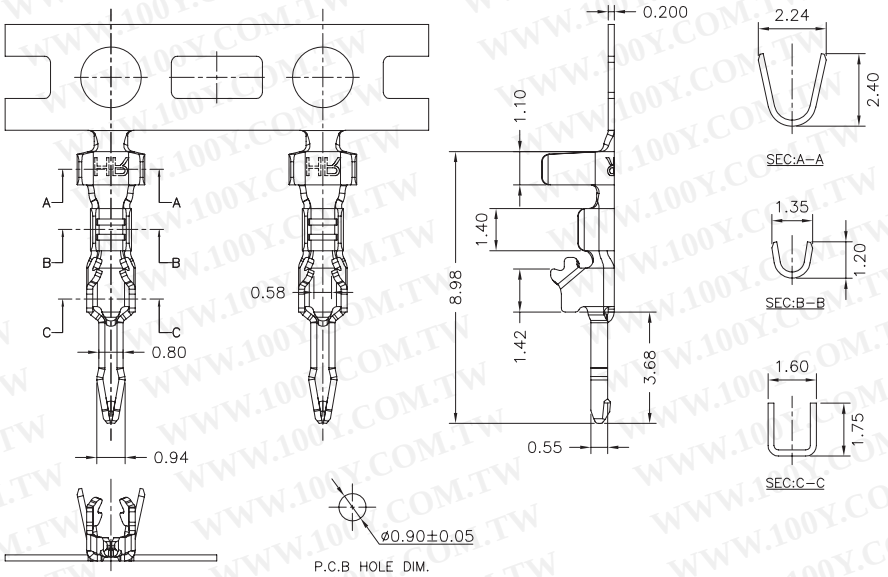
❶ ❷ ❸
B2012 HV-05P

❶ Series No.
❷ Housing type: HV=Vertical
❸ No. of circuits

B2012V-T 2.00mm pitch 180° Crimp Terminal

Reference Informations:

*Used in H.R B2012HV series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B2012V-TBE	AWG#24-#30	1.30mm(max)	Brass	Tin-plated	10,000pcs

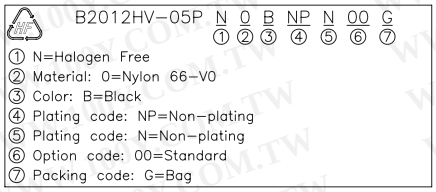
Note:E-Stamping before Tin-plated

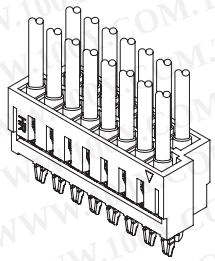
B2012HV 2.00mm pitch 180° Dual Row Housing

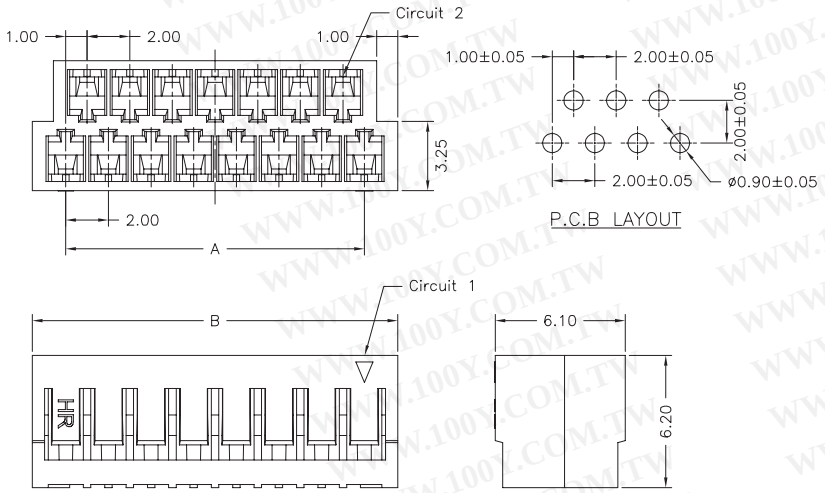
Reference Informations:

*Material: Nylon 46,UL94V-0

*Suitable H.R B2012V series Terminal





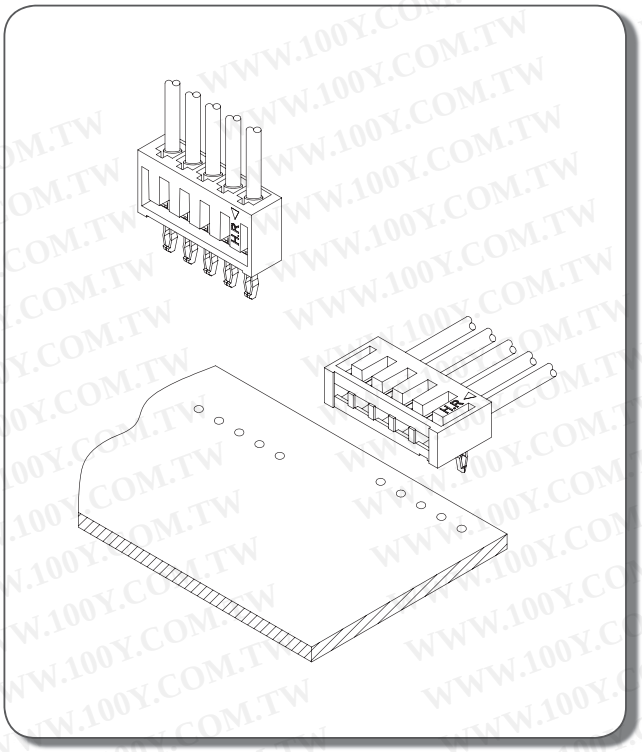


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2012HV-05P	4.00	7.15
B2012HV-07P	6.00	9.15
B2012HV-09P	8.00	11.15
B2012HV-11P	10.00	13.15
B2012HV-13P	12.00	15.15
B2012HV-15P	14.00	17.15
B2012HV-17P	16.00	19.15
B2012HV-19P	18.00	21.15
B2012HV-21P	20.00	23.15
B2012HV-23P	22.00	25.15
B2012HV-25P	24.00	27.15
B2012HV-27P	26.00	29.15
B2012HV-29P	28.00	31.15
B2012HV-31P	30.00	33.15

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



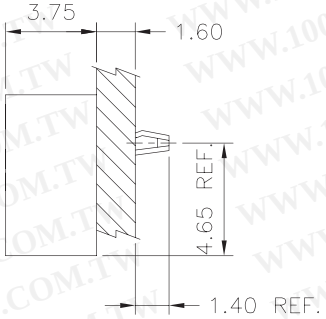
Specifications

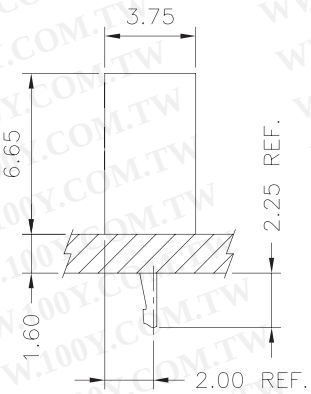
Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout





Ordering code

❶ ❷ ❸ ❹ ❺
B2512 V-T B E

❶ Series No.
❷ Terminal type: V=Vertical, R=Right angle
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

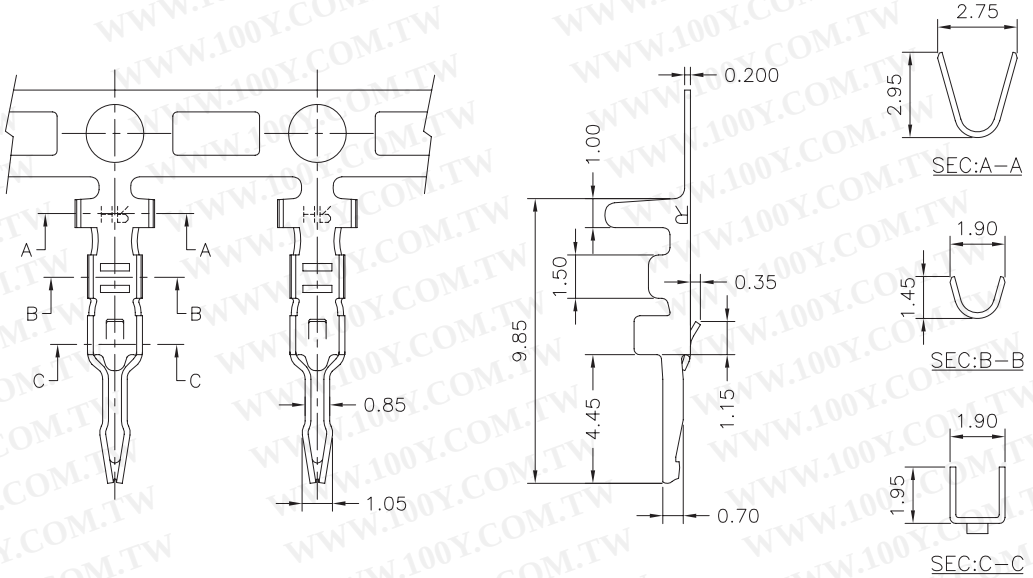
❶ ❷ ❸ ❹ ❺
B2512 HV A-05P -46

❶ Series No.
❷ Housing type: HV=Vertical, HR=Right angle
❸ Blank=Normal type, A=A type
❹ No. of circuits
❺ Option code:
-46=Nylon 46

B2512V-T 2.50mm pitch 180° Crimp Terminal

Reference Informations:

*Used in H.R B2512HV series Housing



Ordering Information & Specifications: Unit:mm

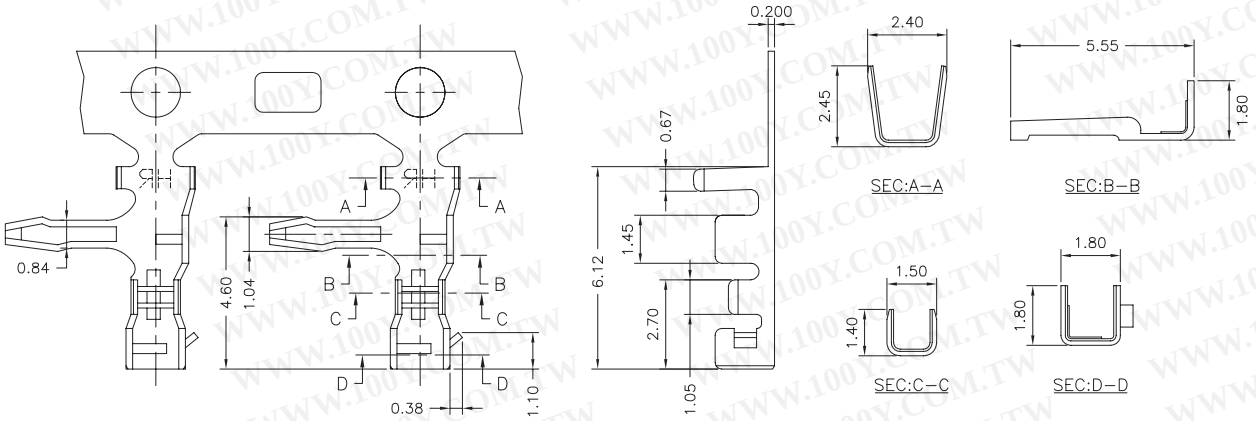
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B2512V-TBE	AWG#22-#28	1.70mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

B2512R-T 2.50mm pitch 90° Crimp Terminal

Reference Informations:

*Used in H.R B2512HR series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B2512R-TBE	AWG#22-#28	1.70mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

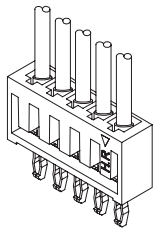
B2512HV

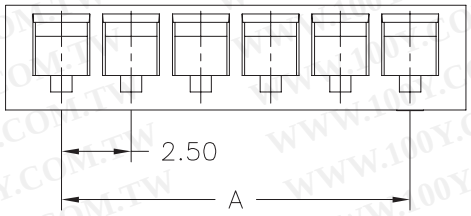
2.50mm pitch 180° Housing

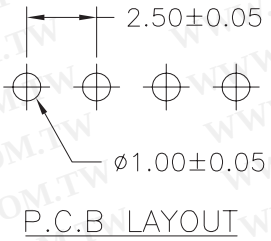
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R B2512V series Terminal
*Nylon 46 is available

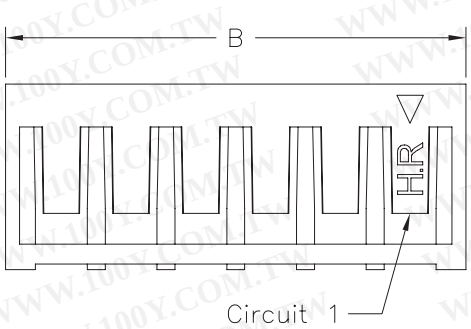
B2512HV-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

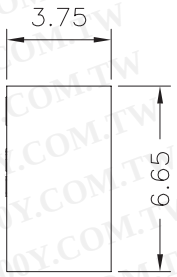






P.C.B LAYOUT





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2512HV-02P	2.50	6.50
B2512HV-03P	5.00	9.00
B2512HV-04P	7.50	11.50
B2512HV-05P	10.00	14.00
B2512HV-06P	12.50	16.50
B2512HV-07P	15.00	19.00
B2512HV-08P	17.50	21.50
B2512HV-09P	20.00	24.00
B2512HV-10P	22.50	26.50
B2512HV-11P	25.00	29.00
B2512HV-12P	27.50	31.50
B2512HV-13P	30.00	34.00
B2512HV-14P	32.50	36.50
B2512HV-15P	35.00	39.00
B2512HV-16P	37.50	41.50

Unit:mm

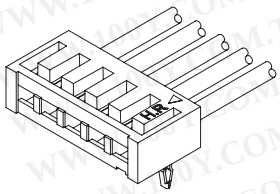
B2512HR

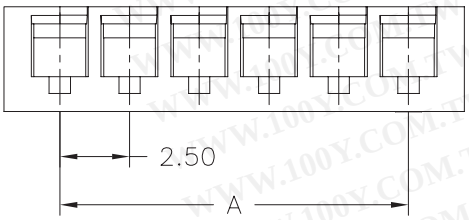
2.50mm pitch 90° Housing

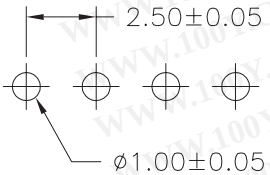
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R B2512R series Terminal
*Nylon 46 is available

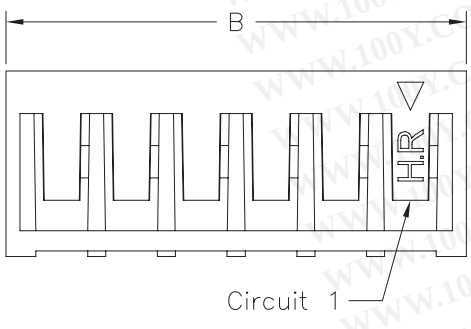
B2512HR-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

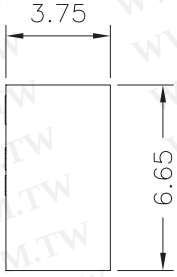






P.C.B LAYOUT





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2512HR-02P	2.50	6.50
B2512HR-03P	5.00	9.00
B2512HR-04P	7.50	11.50
B2512HR-05P	10.00	14.00
B2512HR-06P	12.50	16.50
B2512HR-07P	15.00	19.00
B2512HR-08P	17.50	21.50
B2512HR-09P	20.00	24.00
B2512HR-10P	22.50	26.50
B2512HR-11P	25.00	29.00
B2512HR-12P	27.50	31.50
B2512HR-13P	30.00	34.00
B2512HR-14P	32.50	36.50
B2512HR-15P	35.00	39.00
B2512HR-16P	37.50	41.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

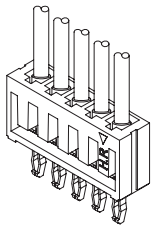
B2512HVA

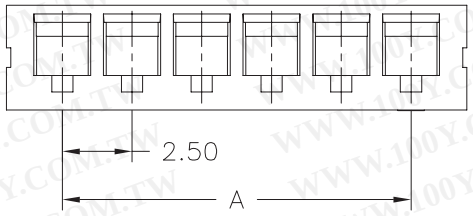
2.50mm pitch 180° Housing

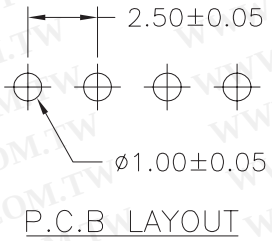
Reference Informations:

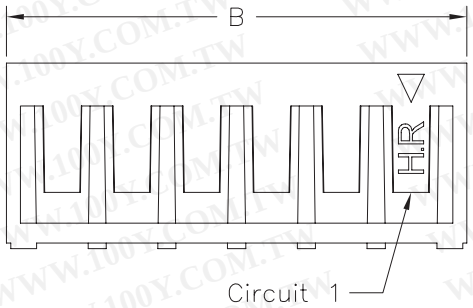
*Material: Nylon 66,UL94V-0
*Suitable H.R B2512V series Terminal
*Nylon 46 is available

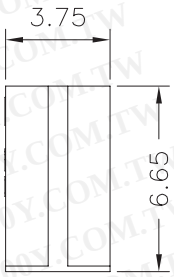
B2512HVA-05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag











Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2512HVA-02P	2.50	6.50
B2512HVA-03P	5.00	9.00
B2512HVA-04P	7.50	11.50
B2512HVA-05P	10.00	14.00
B2512HVA-06P	12.50	16.50
B2512HVA-07P	15.00	19.00
B2512HVA-08P	17.50	21.50
B2512HVA-09P	20.00	24.00
B2512HVA-10P	22.50	26.50
B2512HVA-11P	25.00	29.00
B2512HVA-12P	27.50	31.50
B2512HVA-13P	30.00	34.00
B2512HVA-14P	32.50	36.50
B2512HVA-15P	35.00	39.00
B2512HVA-16P	37.50	41.50

Unit:mm

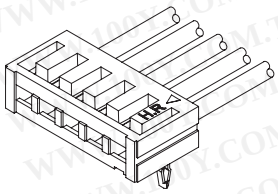
B2512HRA

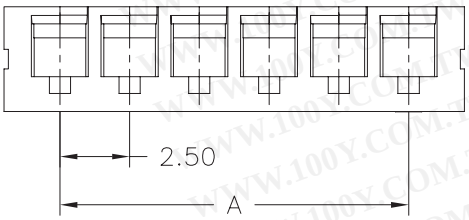
2.50mm pitch 90° Housing

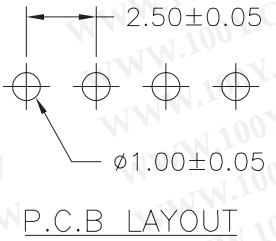
Reference Informations:

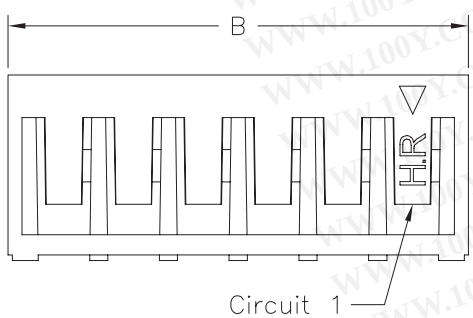
*Material: Nylon 66,UL94V-0
*Suitable H.R B2512R series Terminal
*Nylon 46 is available

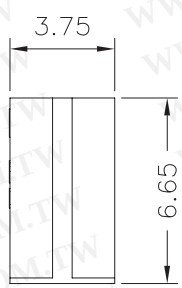
B2512HRA-05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag









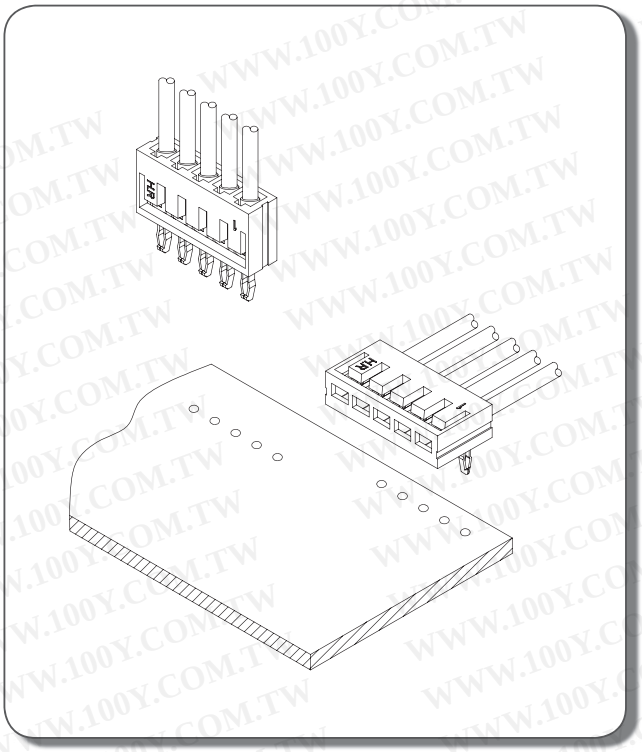


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2512HRA-02P	2.50	6.50
B2512HRA-03P	5.00	9.00
B2512HRA-04P	7.50	11.50
B2512HRA-05P	10.00	14.00
B2512HRA-06P	12.50	16.50
B2512HRA-07P	15.00	19.00
B2512HRA-08P	17.50	21.50
B2512HRA-09P	20.00	24.00
B2512HRA-10P	22.50	26.50
B2512HRA-11P	25.00	29.00
B2512HRA-12P	27.50	31.50
B2512HRA-13P	30.00	34.00
B2512HRA-14P	32.50	36.50
B2512HRA-15P	35.00	39.00
B2512HRA-16P	37.50	41.50

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



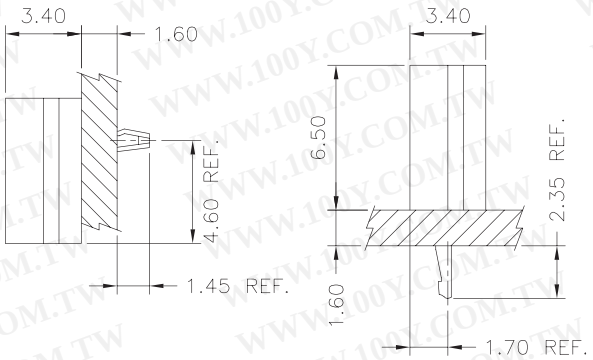
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards

E179987 R 3-50004394

Assembly layout



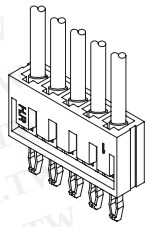
Ordering code

❶ B2513 ❷ HV – ❸ 05P

❶ Series No.
❷ Housing type: HV=Vertical, HR=Right angle
❸ No. of circuits

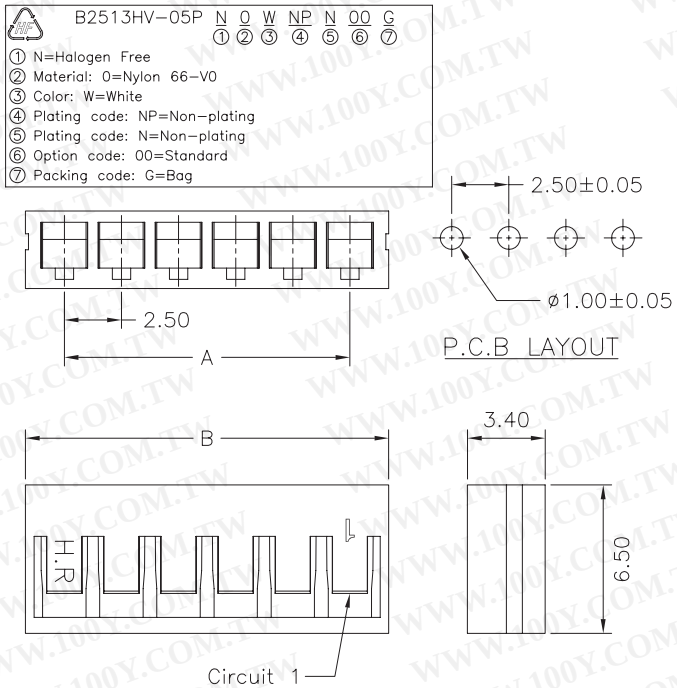
B2513HV

2.50mm pitch 180° Housing



Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R B2512V series Terminal



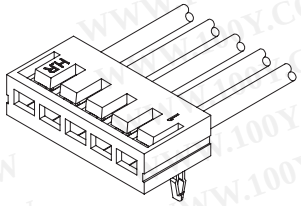
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2513HV-02P	2.50	5.90
B2513HV-03P	5.00	8.40
B2513HV-04P	7.50	10.90
B2513HV-05P	10.00	13.40
B2513HV-06P	12.50	15.90
B2513HV-07P	15.00	18.40
B2513HV-08P	17.50	20.90
B2513HV-09P	20.00	23.40
B2513HV-10P	22.50	25.90
B2513HV-11P	25.00	28.40
B2513HV-12P	27.50	30.90
B2513HV-13P	30.00	33.40
B2513HV-14P	32.50	35.90
B2513HV-15P	35.00	38.40
B2513HV-16P	37.50	40.90

Unit:mm

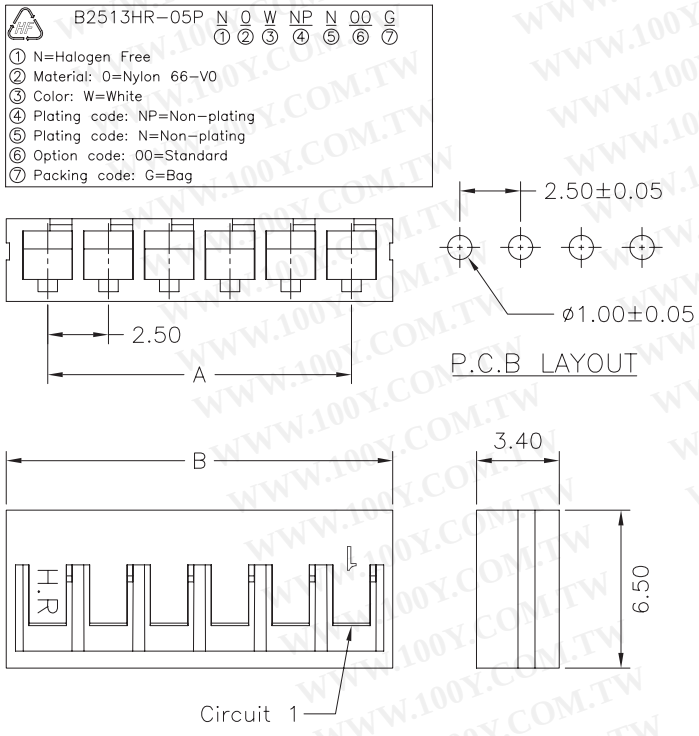
B2513HR

2.50mm pitch 90° Housing



Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R B2512R series Terminal

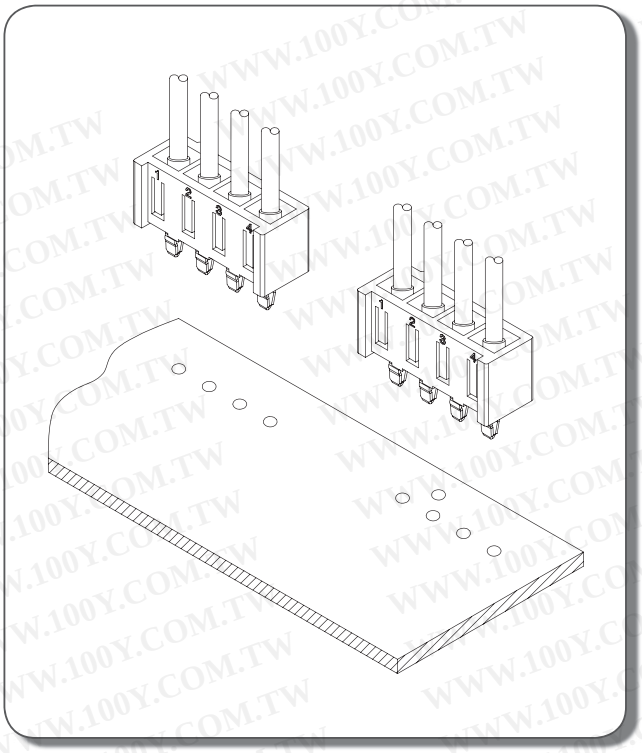


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B2513HR-02P	2.50	5.90
B2513HR-03P	5.00	8.40
B2513HR-04P	7.50	10.90
B2513HR-05P	10.00	13.40
B2513HR-06P	12.50	15.90
B2513HR-07P	15.00	18.40
B2513HR-08P	17.50	20.90
B2513HR-09P	20.00	23.40
B2513HR-10P	22.50	25.90
B2513HR-11P	25.00	28.40
B2513HR-12P	27.50	30.90
B2513HR-13P	30.00	33.40
B2513HR-14P	32.50	35.90
B2513HR-15P	35.00	38.40
B2513HR-16P	37.50	40.90

Unit:mm

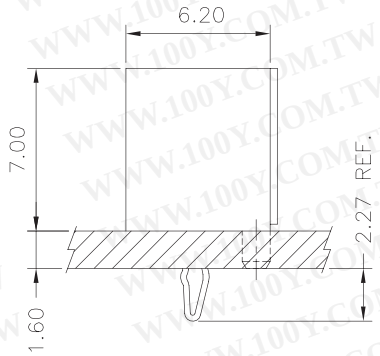
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
B3965 V – T P E

❶ Series No.
❷ Terminal type: V=Vertical
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor bronze
❺ E=Stamping before plating

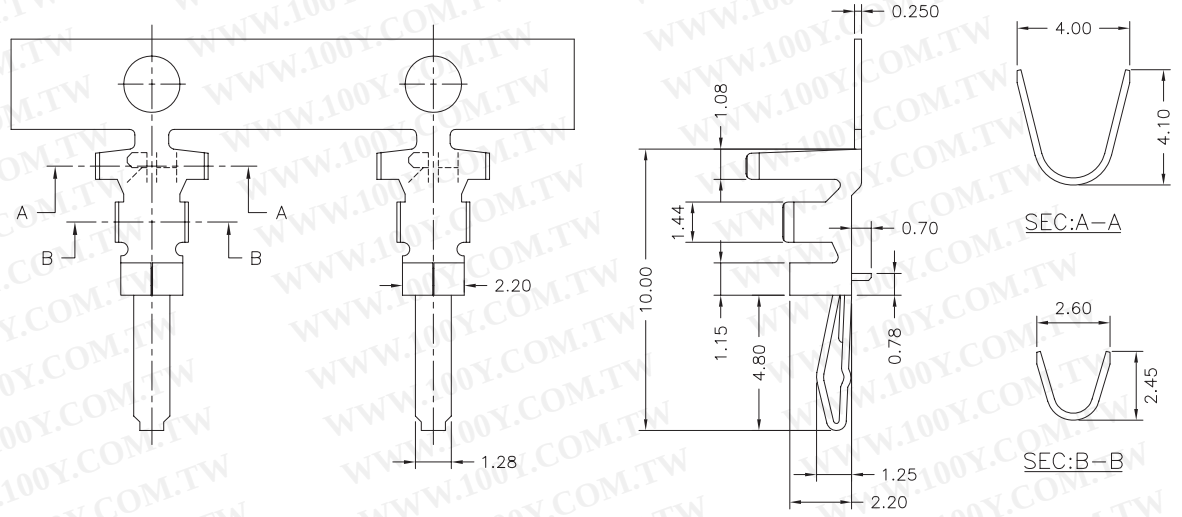
❶ ❷ ❸ ❹
B3965 HV –F – 05P

❶ Series No.
❷ Housing type: HV=Vertical
❸ Blank=Normal type
–F=With boss
❹ No. of circuits

B3965V-T 3.96mm pitch 180° Crimp Terminal

Reference Informations:

*Used in H.R B3965HV series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
B3965V-TPE	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

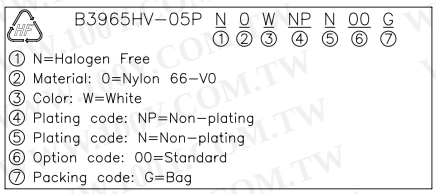
Note:E-Stamping before Tin-plated

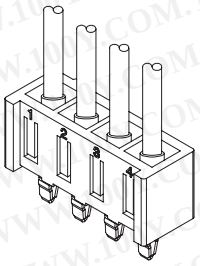
B3965HV 3.96mm pitch 180° Housing

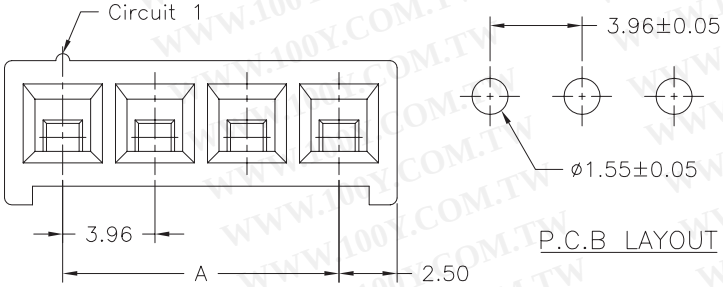
Reference Informations:

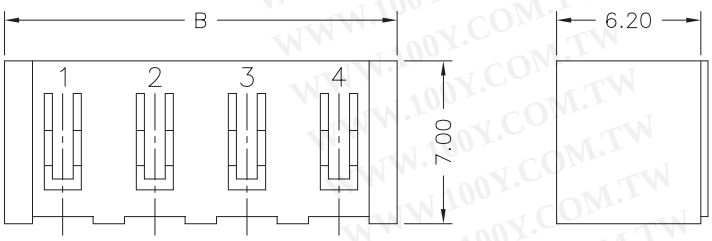
*Material: Nylon 66,UL94V-0

*Suitable H.R B3965V series Terminal









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B3965HV-02P	3.96	8.96
B3965HV-03P	7.92	12.92
B3965HV-04P	11.88	16.88
B3965HV-05P	15.84	20.84
B3965HV-06P	19.80	24.80
B3965HV-07P	23.76	28.76
B3965HV-08P	27.72	32.72
B3965HV-09P	31.68	36.68
B3965HV-10P	35.64	40.64
B3965HV-11P	39.60	44.60
B3965HV-12P	43.56	48.56
B3965HV-13P	47.52	52.52
B3965HV-14P	51.48	56.48
B3965HV-15P	55.44	60.44

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

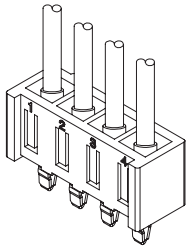
B3965HV-F

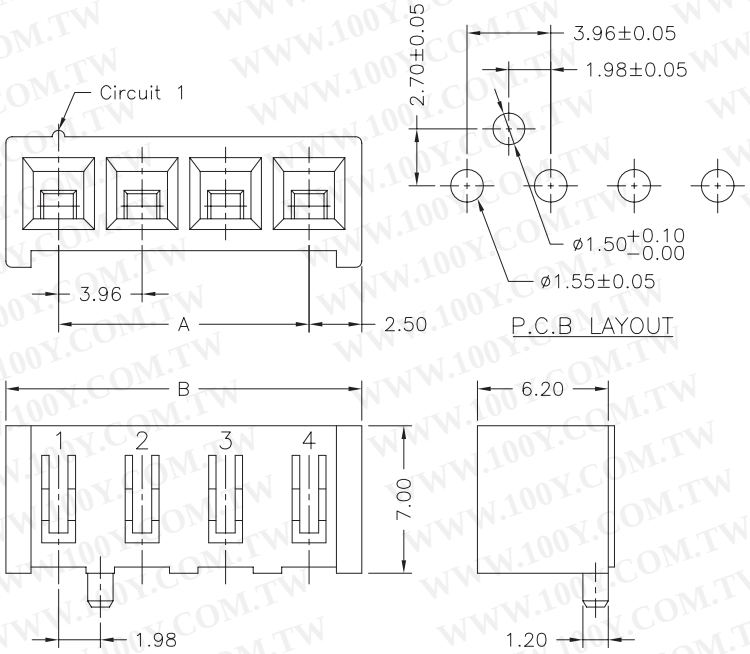
3.96mm pitch 180° Housing With Polarizing Peg

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R B3965V series Terminal

B3965HV-F-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

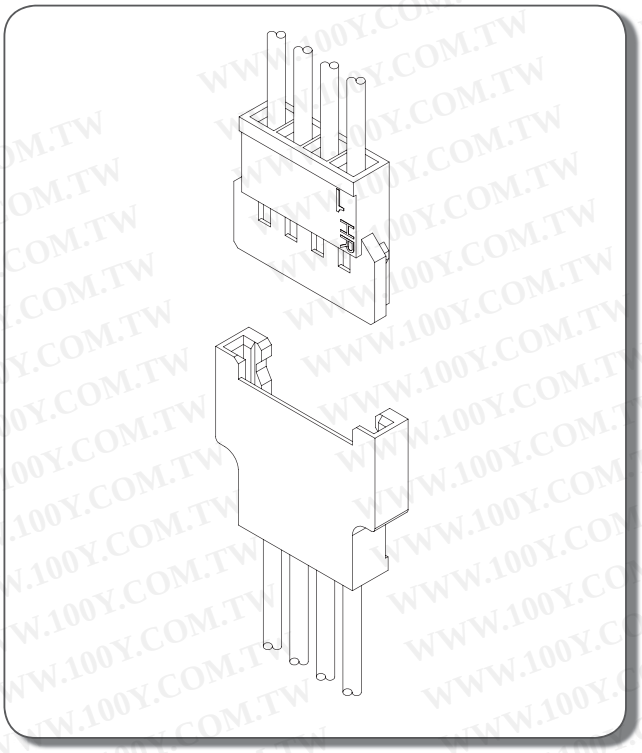




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
B3965HV-F-02P	3.96	8.96
B3965HV-F-03P	7.92	12.92
B3965HV-F-04P	11.88	16.88
B3965HV-F-05P	15.84	20.84
B3965HV-F-06P	19.80	24.80
B3965HV-F-07P	23.76	28.76
B3965HV-F-08P	27.72	32.72
B3965HV-F-09P	31.68	36.68
B3965HV-F-10P	35.64	40.64
B3965HV-F-11P	39.60	44.60
B3965HV-F-12P	43.56	48.56
B3965HV-F-13P	47.52	52.52
B3965HV-F-14P	51.48	56.48
B3965HV-F-15P	55.44	60.44

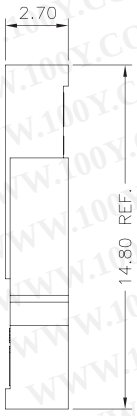
Unit:mm



Specifications

Current rating: 2A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
C2003 F-T B E

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

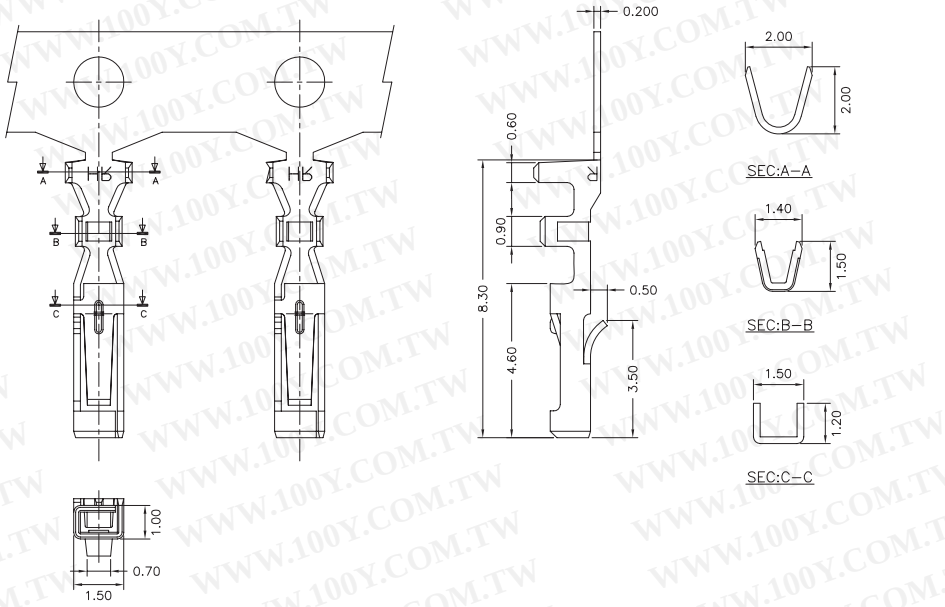
❶ ❷ ❸
C2003 HF-05P

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ No. of circuits

C2003F-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2003HF series Housing



Ordering Information & Specifications: Unit:mm

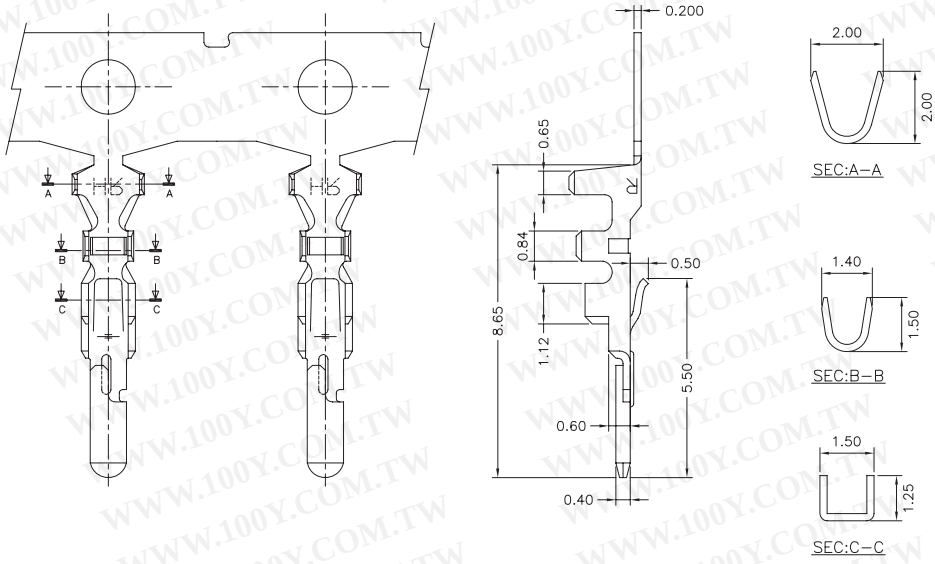
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2003F-TBE	AWG#24-#28	1.15mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

C2003M-T 2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2003HM series Housing



Ordering Information & Specifications: Unit:mm

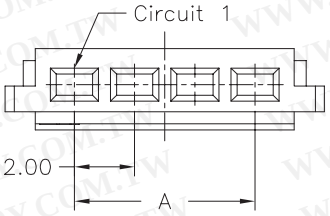
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2003M-TBE	AWG#24-#28	1.15mm(max)	Brass	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

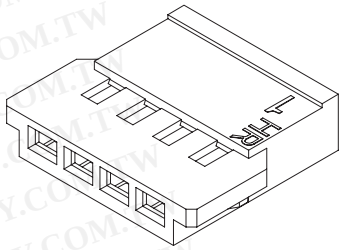
C2003HF 2.00mm pitch Housing

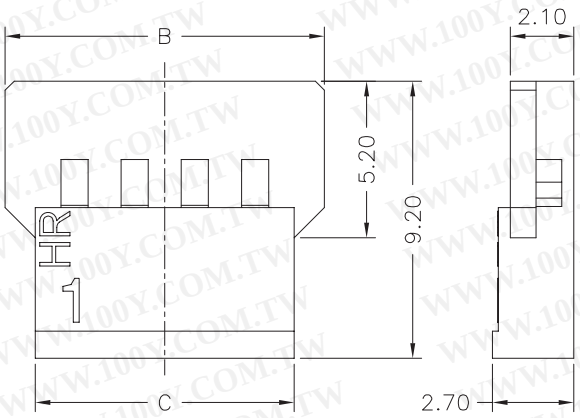
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2003F series Terminal
*Mates with H.R C2003HM series Housing



C2003HF-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

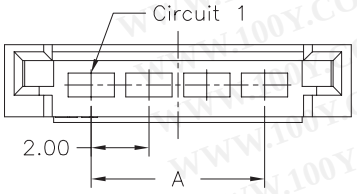
PART NO.	Dimensions		
	A	B	C
C2003HF-02P	2.00	6.60	4.60
C2003HF-03P	4.00	8.60	6.60
C2003HF-04P	6.00	10.60	8.60
C2003HF-05P	8.00	12.60	10.60
C2003HF-06P	10.00	14.60	12.60
C2003HF-07P	12.00	16.60	14.60
C2003HF-08P	14.00	18.60	16.60
C2003HF-09P	16.00	20.60	18.60
C2003HF-10P	18.00	22.60	20.60
C2003HF-11P	20.00	24.60	22.60
C2003HF-13P	24.00	28.60	26.60

Unit:mm

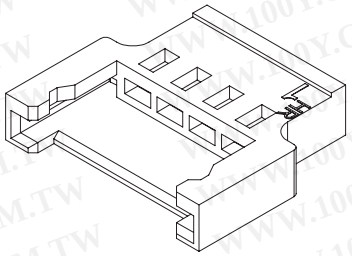
C2003HM 2.00mm pitch Housing

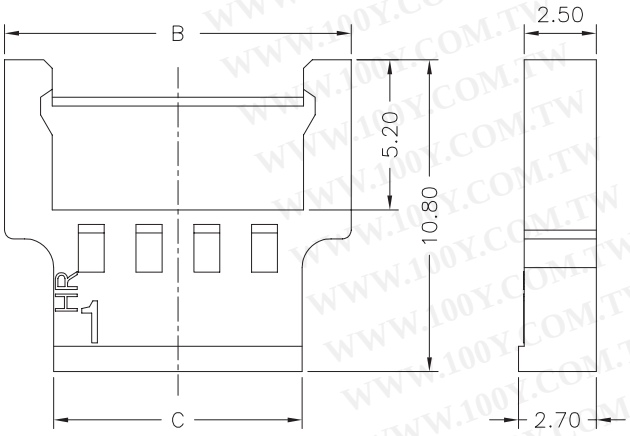
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2003M series Terminal
*Mates with H.R C2003HF series Housing



C2003HM-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



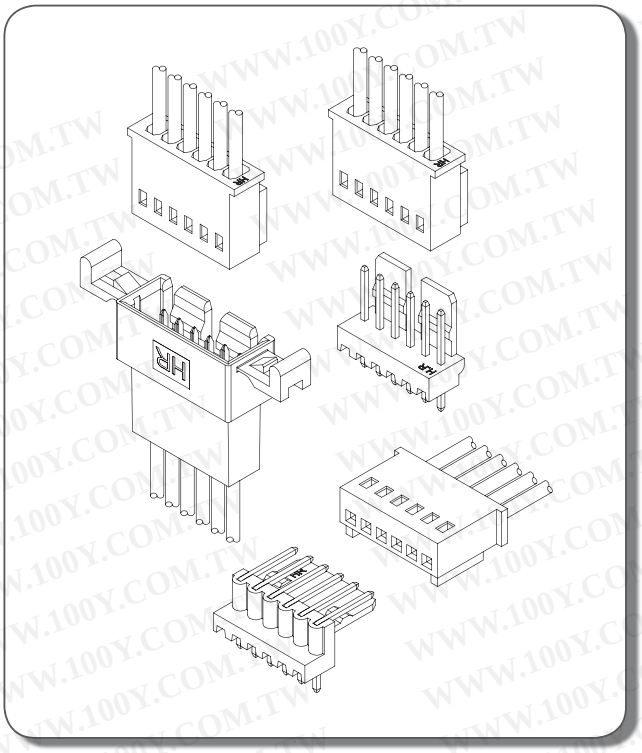


Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
C2003HM-02P	2.00	8.00	4.60
C2003HM-03P	4.00	10.00	6.60
C2003HM-04P	6.00	12.00	8.60
C2003HM-05P	8.00	14.00	10.60
C2003HM-06P	10.00	16.00	12.60
C2003HM-07P	12.00	18.00	14.60
C2003HM-08P	14.00	20.00	16.60
C2003HM-09P	16.00	22.00	18.60
C2003HM-10P	18.00	24.00	20.60
C2003HM-11P	20.00	26.00	22.60
C2003HM-13P	24.00	30.00	26.60

Unit:mm

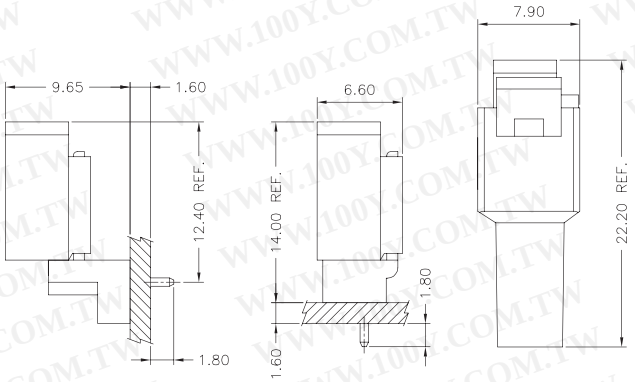
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Assembly layout



Panel hole layout



PART NO.	Dim.A	PART NO.	Dim.A
C2504HM-02P	12.40	C2504HM-10P	32.40
C2504HM-03P	14.90	C2504HM-11P	34.90
C2504HM-04P	17.40	C2504HM-12P	37.40
C2504HM-05P	19.90	C2504HM-13P	39.90
C2504HM-06P	22.40	C2504HM-14P	42.40
C2504HM-07P	24.90	C2504HM-15P	44.90
C2504HM-08P	27.40	C2504HM-16P	47.40
C2504HM-09P	29.90		

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

Ordering code

❶ ❷ ❸ ❹ ❺
C2504 F-T P E

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor bronze, B=Brass
❺ E=Stamping before plating

❶ ❷ ❸
C2504 WV-05P

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

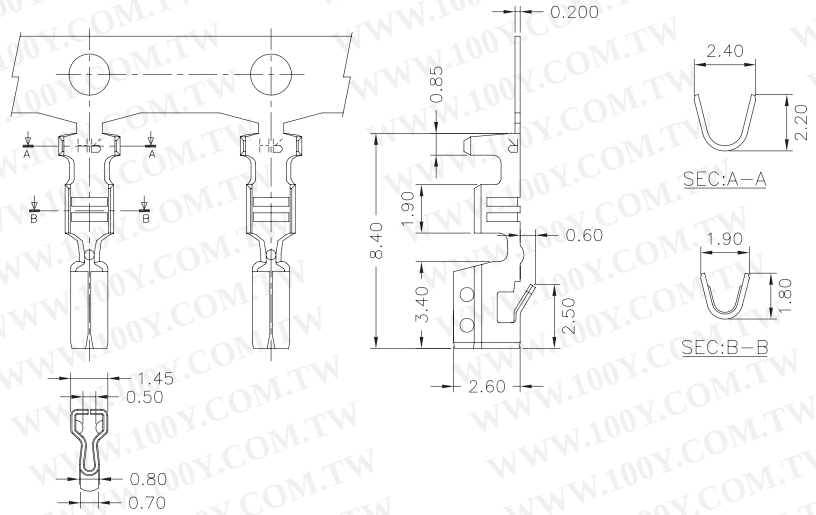
❶ ❷ ❸ ❹
C2504 HM A-05P

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ Blank=With mounting ears
A=Without mounting ears
❹ No. of circuits

C2504F-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2504HF series Housing



Ordering Information & Specifications: Unit:mm

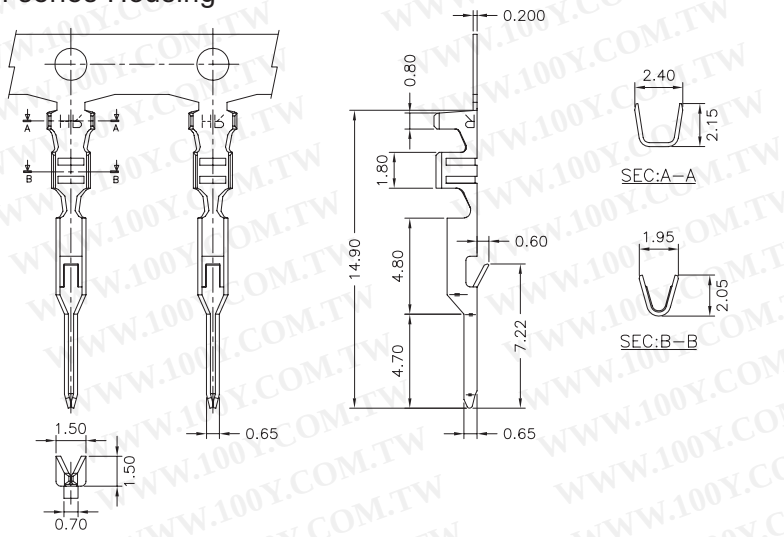
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2504F-TBE	AWG#22-#28	1.90mm(max)	Brass	Tin-plated	10,000pcs
C2504F-TPE	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

Note:E-Stamping before Tin-plated

C2504M-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2504HM series Housing

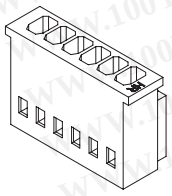


Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2504M-TBE	AWG#22-#28	1.90mm(max)	Brass	Tin-plated	10,000pcs
C2504M-TPE	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

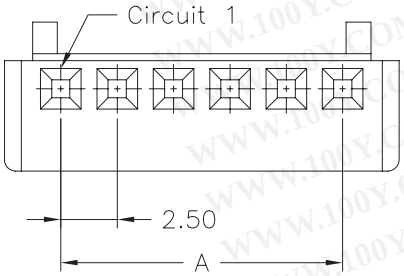
Note:E-Stamping before Tin-plated

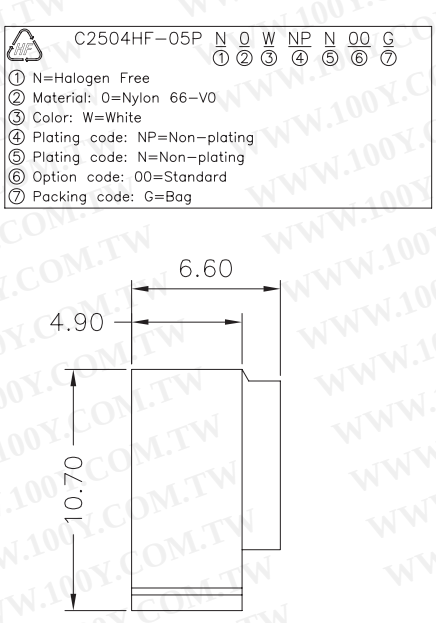
C2504HF 2.50mm pitch Housing



Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2504F series Terminal
*Mates with H.R C2504HM,C2504HMA series Housing
or C2504 series Wafer





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C2504HF-02P	2.50	6.00
C2504HF-03P	5.00	8.50
C2504HF-04P	7.50	11.00
C2504HF-05P	10.00	13.50
C2504HF-06P	12.50	16.00
C2504HF-07P	15.00	18.50
C2504HF-08P	17.50	21.00
C2504HF-09P	20.00	23.50
C2504HF-10P	22.50	26.00
C2504HF-11P	25.00	28.50
C2504HF-12P	27.50	31.00
C2504HF-13P	30.00	33.50
C2504HF-14P	32.50	36.00
C2504HF-15P	35.00	38.50
C2504HF-16P	37.50	41.00
C2504HF-17P	40.00	43.50
C2504HF-18P	42.50	46.00
C2504HF-19P	45.00	48.50
C2504HF-20P	47.50	51.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

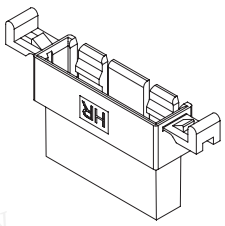
C2504HM

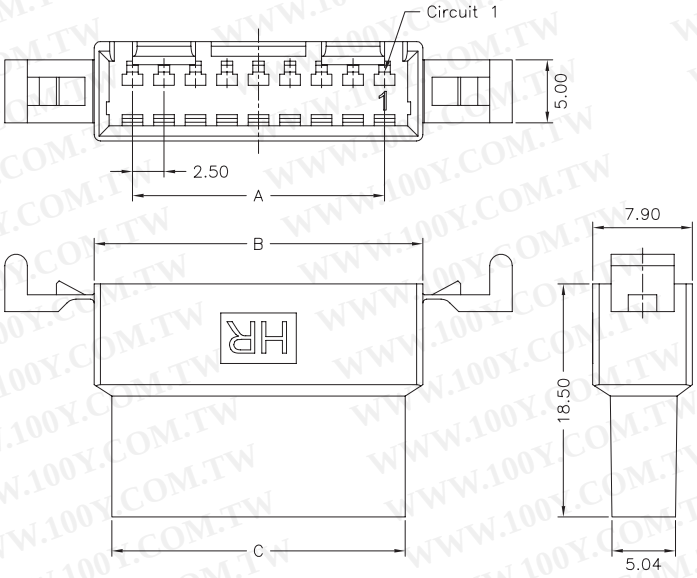
2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2504M series Terminal
*Mates with H.R C2504HF series Housing

C2504HM-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
C2504HM-02P	2.50	8.60	5.80
C2504HM-03P	5.00	11.10	8.30
C2504HM-04P	7.50	13.60	10.80
C2504HM-05P	10.00	16.10	13.30
C2504HM-06P	12.50	18.60	15.80
C2504HM-07P	15.00	21.10	18.30
C2504HM-08P	17.50	23.60	20.80
C2504HM-09P	20.00	26.10	23.30
C2504HM-10P	22.50	28.60	25.80
C2504HM-11P	25.00	31.10	28.30
C2504HM-12P	27.50	33.60	30.80
C2504HM-13P	30.00	36.10	33.30
C2504HM-14P	32.50	38.60	35.80
C2504HM-15P	35.00	41.10	38.30
C2504HM-16P	37.50	43.60	40.80

Unit:mm

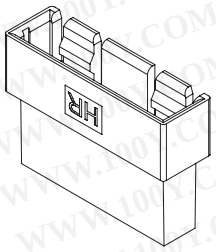
C2504HMA

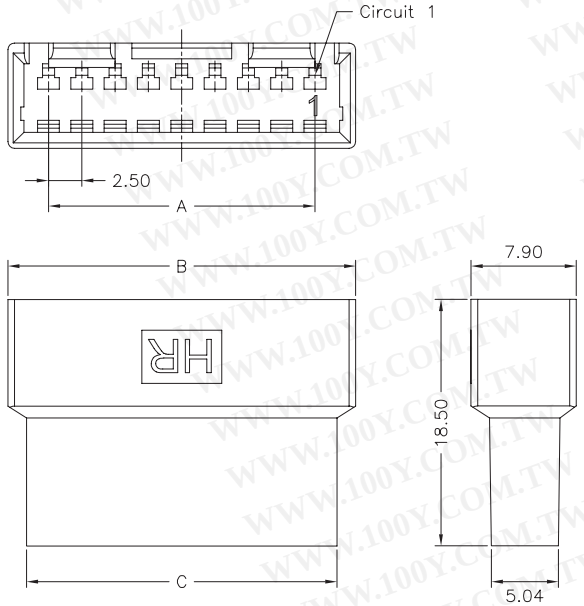
2.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2504M series Terminal
*Mates with H.R C2504HF series Housing

C2504HMA-05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
C2504HMA-02P	2.50	8.60	5.80
C2504HMA-03P	5.00	11.10	8.30
C2504HMA-04P	7.50	13.60	10.80
C2504HMA-05P	10.00	16.10	13.30
C2504HMA-06P	12.50	18.60	15.80
C2504HMA-07P	15.00	21.10	18.30
C2504HMA-08P	17.50	23.60	20.80
C2504HMA-09P	20.00	26.10	23.30
C2504HMA-10P	22.50	28.60	25.80
C2504HMA-11P	25.00	31.10	28.30
C2504HMA-12P	27.50	33.60	30.80
C2504HMA-13P	30.00	36.10	33.30
C2504HMA-14P	32.50	38.60	35.80
C2504HMA-15P	35.00	41.10	38.30
C2504HMA-16P	37.50	43.60	40.80

Unit:mm

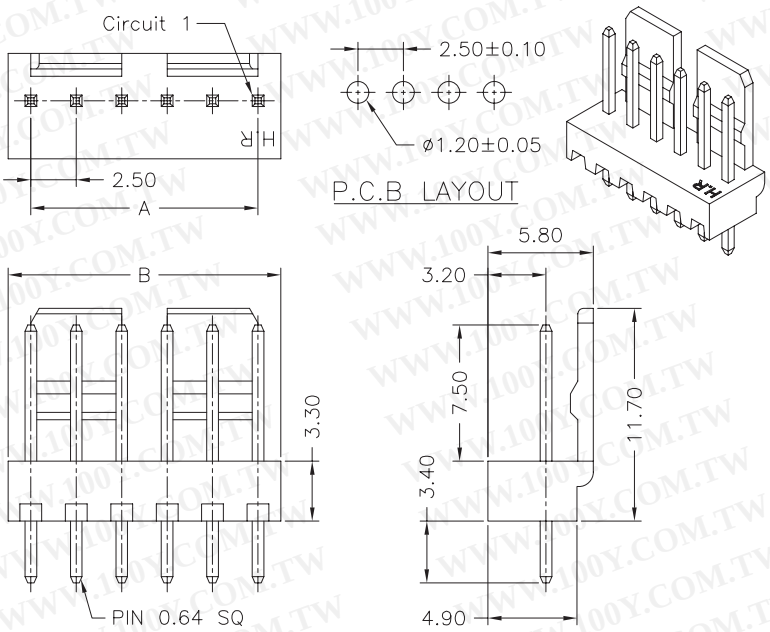
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C2504WV

2.50mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R C2504HF series Housing



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C2504WV-02P	2.50	5.00
C2504WV-03P	5.00	7.50
C2504WV-04P	7.50	10.00
C2504WV-05P	10.00	12.50
C2504WV-06P	12.50	15.00
C2504WV-07P	15.00	17.50
C2504WV-08P	17.50	20.00
C2504WV-09P	20.00	22.50
C2504WV-10P	22.50	25.00
C2504WV-11P	25.00	27.50
C2504WV-12P	27.50	30.00
C2504WV-13P	30.00	32.50
C2504WV-14P	32.50	35.00
C2504WV-15P	35.00	37.50
C2504WV-16P	37.50	40.00
C2504WV-17P	40.00	42.50
C2504WV-18P	42.50	45.00
C2504WV-19P	45.00	47.50
C2504WV-20P	47.50	50.00

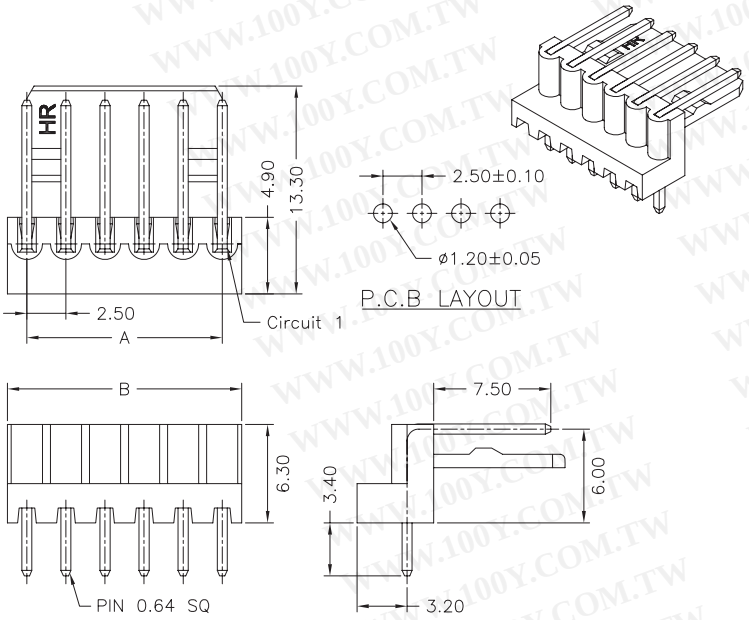
Unit:mm

C2504WR

2.50mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
*Mates with H.R C2504HF series Housing

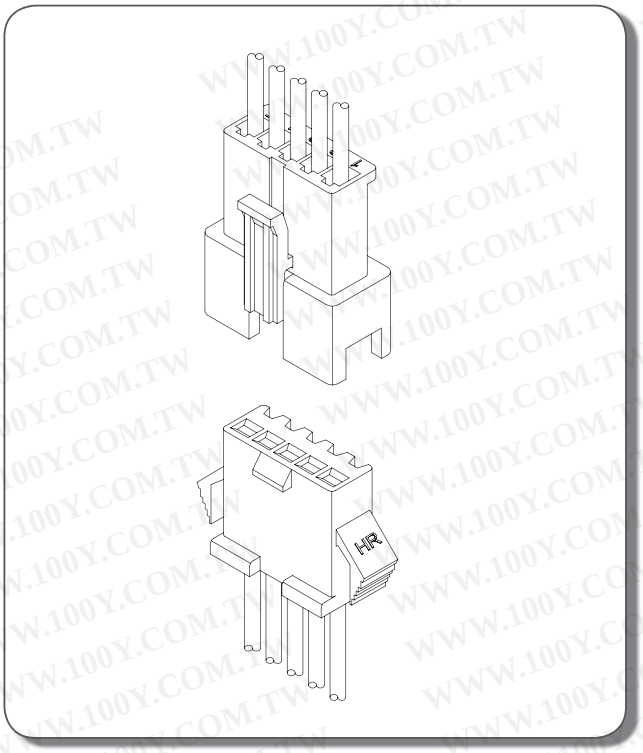


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C2504WR-02P	2.50	5.00
C2504WR-03P	5.00	7.50
C2504WR-04P	7.50	10.00
C2504WR-05P	10.00	12.50
C2504WR-06P	12.50	15.00
C2504WR-07P	15.00	17.50
C2504WR-08P	17.50	20.00
C2504WR-09P	20.00	22.50
C2504WR-10P	22.50	25.00
C2504WR-11P	25.00	27.50
C2504WR-12P	27.50	30.00
C2504WR-13P	30.00	32.50
C2504WR-14P	32.50	35.00
C2504WR-15P	35.00	37.50
C2504WR-16P	37.50	40.00
C2504WR-17P	40.00	42.50
C2504WR-18P	42.50	45.00
C2504WR-19P	45.00	47.50
C2504WR-20P	47.50	50.00

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



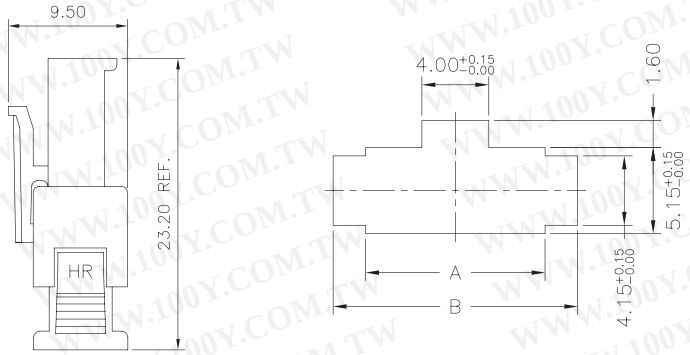
Specifications

Current rating: 3A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464

Assembly layout & Panel hole layout



PART NO.	Dimensions	
	A	B
C2505HF-02P	5.70	9.60
C2505HF-03P	8.20	12.10
C2505HF-04P	10.70	14.60
C2505HF-05P	13.20	17.10
C2505HF-06P	15.70	19.60
C2505HF-07P	18.20	22.10
C2505HF-08P	20.70	24.60
C2505HF-09P	23.20	27.10
C2505HF-10P	25.70	29.60
C2505HF-11P	28.20	32.10
C2505HF-12P	30.70	34.60

Unit:mm

Ordering code

❶ ❷ ❸ ❹ ❺
C2505 F-T B E

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

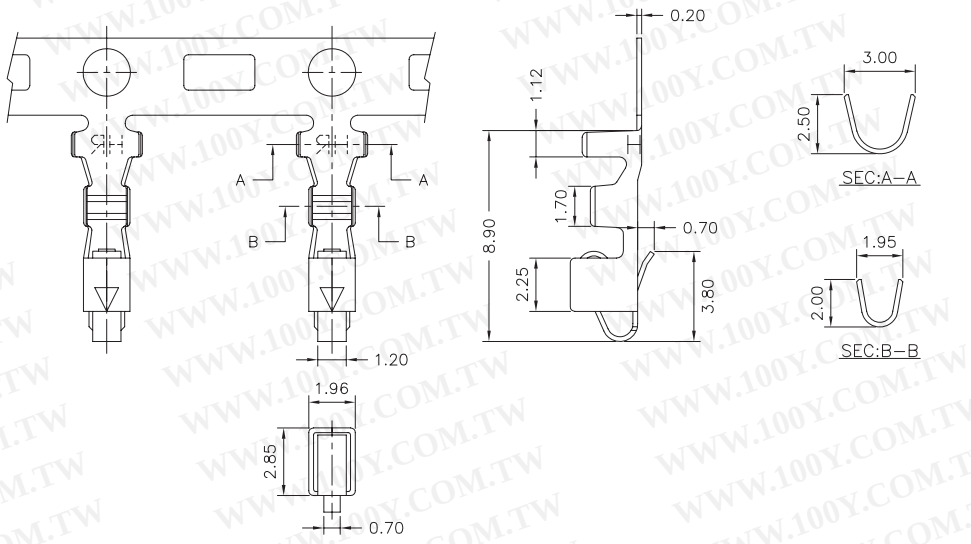
❶ ❷ ❸
C2505 HM-05P

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ No. of circuits

C2505F-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2505HF series Housing



Ordering Information & Specifications: Unit:mm

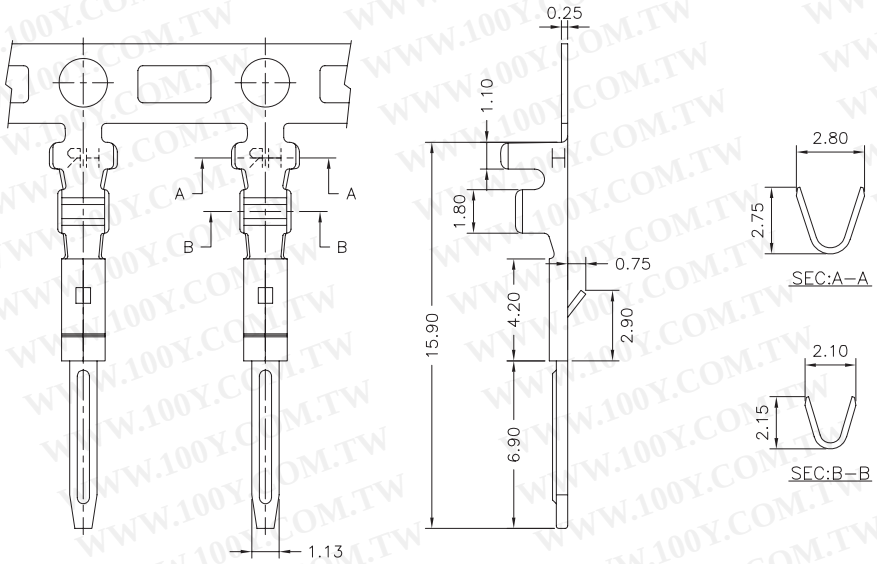
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2505F-TBE	AWG#22-#28	1.80mm(max)	Brass	Tin-plated	7,000pcs

Note:E-Stamping before Tin-plated

C2505M-T 2.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2505HM series Housing



Ordering Information & Specifications: Unit:mm

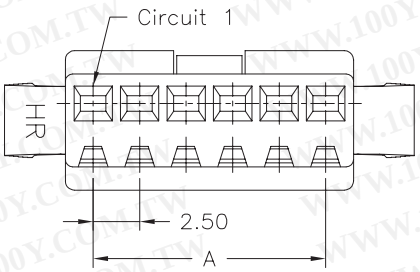
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2505M-TBE	AWG#22-#28	1.80mm(max)	Brass	Tin-plated	7,000pcs

Note:E-Stamping before Tin-plated

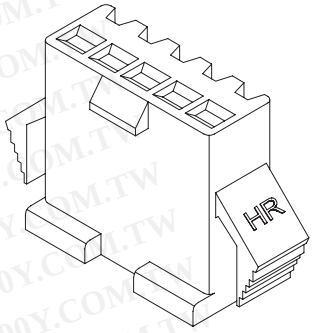
C2505HF 2.50mm pitch Housing

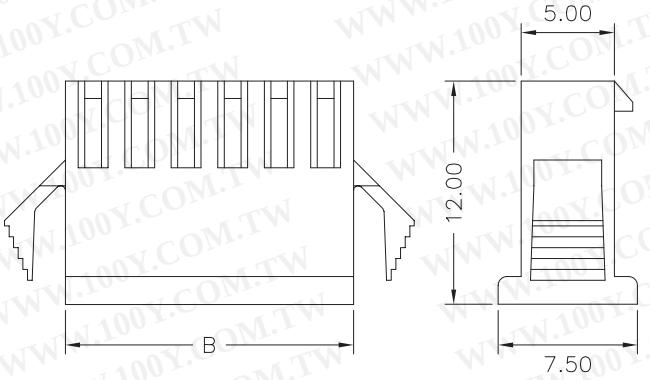
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2505F series Terminal
*Mates with H.R C2505HM series Housing



C2505HF-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

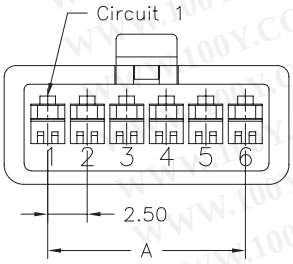
PART NO.	Dimensions	
	A	B
C2505HF-02P	2.50	5.50
C2505HF-03P	5.00	8.00
C2505HF-04P	7.50	10.50
C2505HF-05P	10.00	13.00
C2505HF-06P	12.50	15.50
C2505HF-07P	15.00	18.00
C2505HF-08P	17.50	20.50
C2505HF-09P	20.00	23.00
C2505HF-10P	22.50	25.50
C2505HF-11P	25.00	28.00
C2505HF-12P	27.50	30.50

Unit:mm

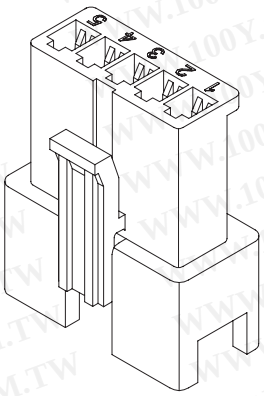
C2505HM 2.50mm pitch Housing

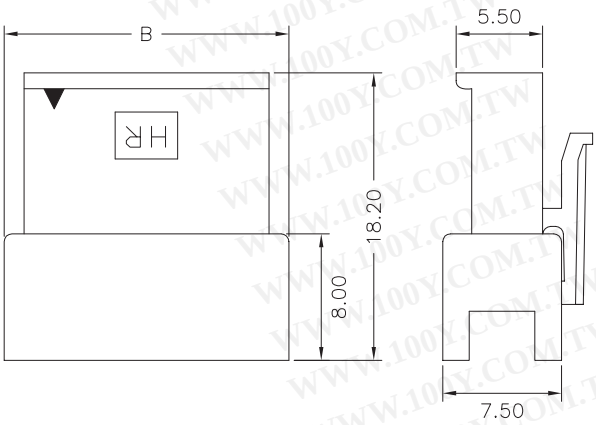
Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C2505M series Terminal
*Mates with H.R C2505HF series Housing



C2505HM-05P N 0 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



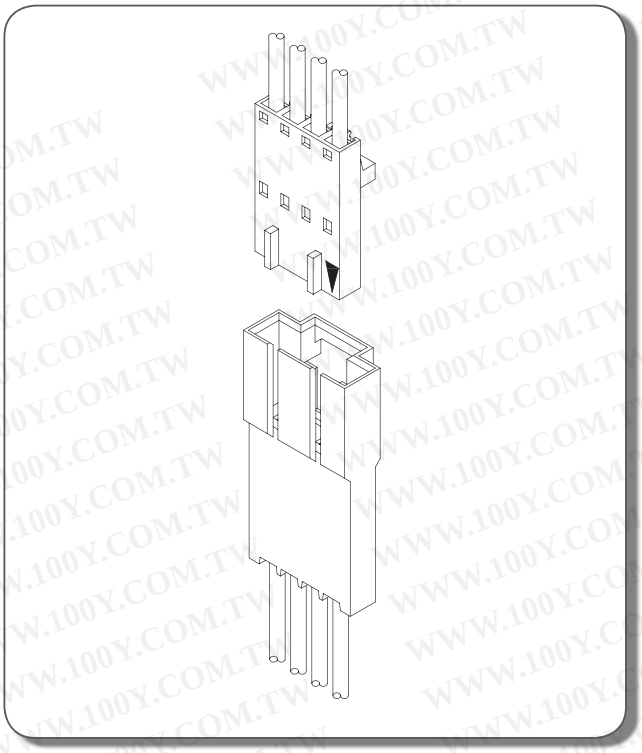


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C2505HM-02P	2.50	8.00
C2505HM-03P	5.00	10.50
C2505HM-04P	7.50	13.00
C2505HM-05P	10.00	15.50
C2505HM-06P	12.50	18.00
C2505HM-07P	15.00	20.50
C2505HM-08P	17.50	23.00
C2505HM-09P	20.00	25.50
C2505HM-10P	22.50	28.00
C2505HM-11P	25.00	30.50
C2505HM-12P	27.50	33.00

Unit:mm

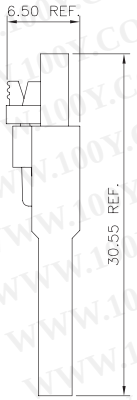
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
C2544 M-H P E

❶ Series No.
❷ Terminal type: M=Male
❸ Plating code: T=Tin-plated, H=Gold-flash on contact area
❹ Material: P=Phosphor bronze
❺ E=Stamping before plating

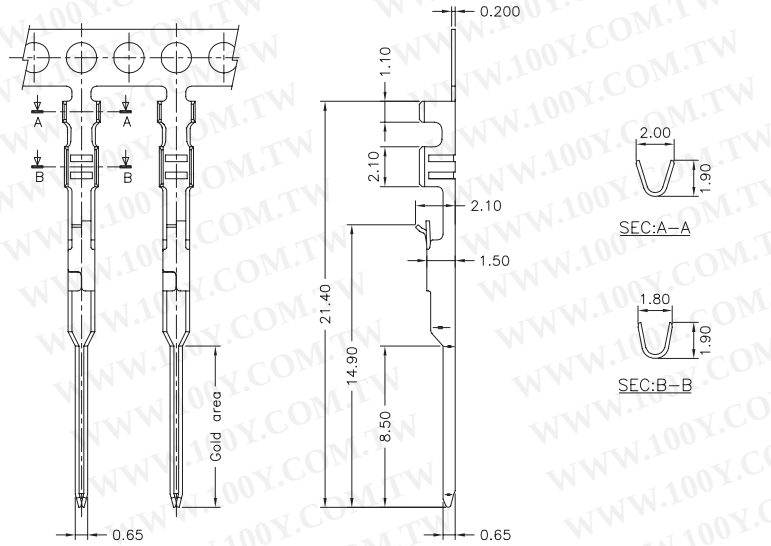
❶ ❷ ❸
C2544 HM-05P

❶ Series No.
❷ Housing type: HM=Plug
❸ No. of circuits

C2544M-T 2.54mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C2544HM series Housing



Ordering Information & Specifications: Unit:mm

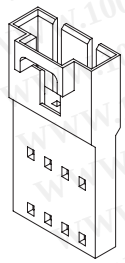
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C2544M-TPE	AWG#22-#26	1.60mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
C2544M-HPE	AWG#22-#26	1.60mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

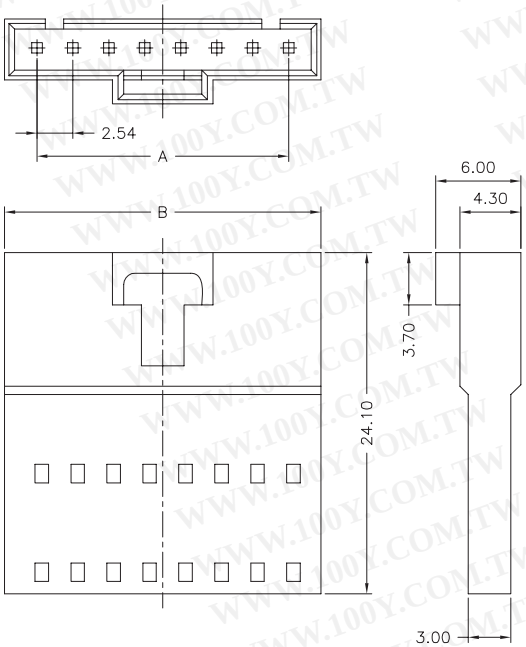
Note:E-Stamping before Tin-plated or Gold-flash

C2544HM 2.54mm pitch Housing

Reference Informations:

*Material: PBT,UL94V-0
*Suitable H.R C2544M series Terminal
*Mates with H.R A2541 series Housing or
F2544H series Housing



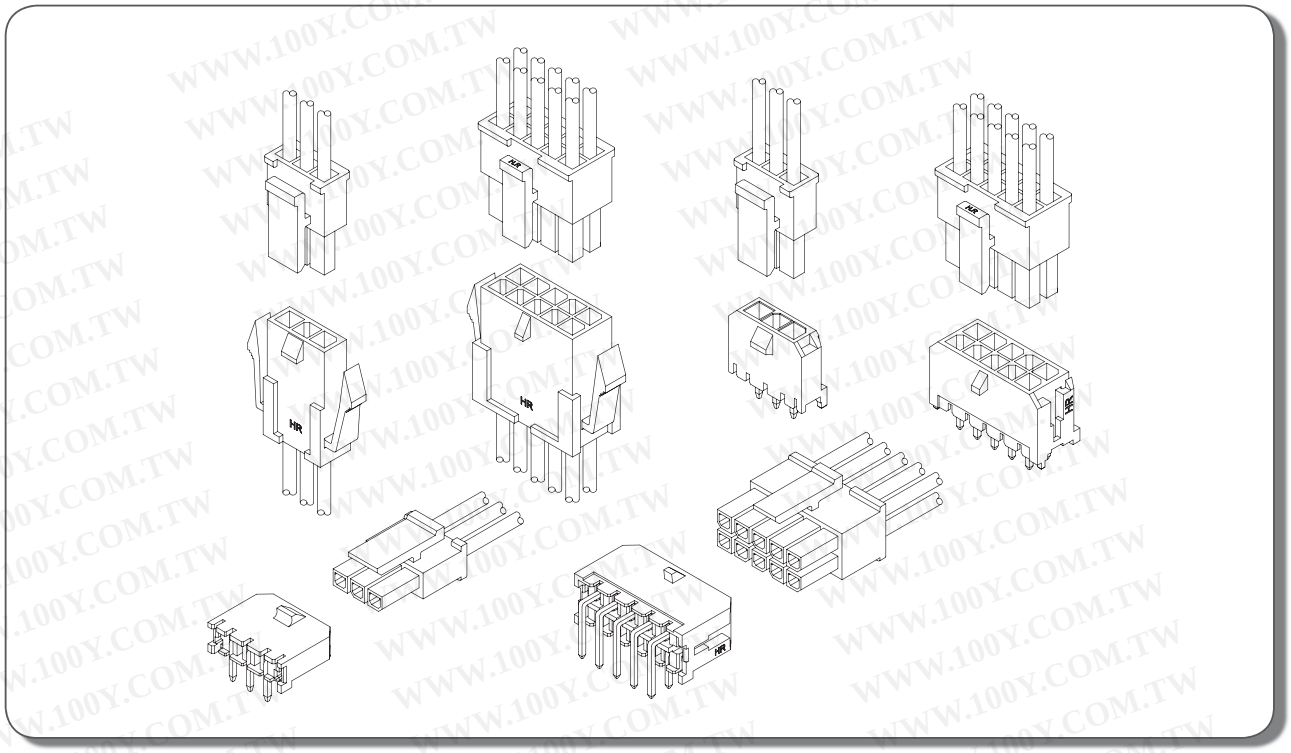


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C2544HM-02P	2.54	7.11
C2544HM-03P	5.08	9.65
C2544HM-04P	7.62	12.19
C2544HM-05P	10.16	14.73
C2544HM-06P	12.70	17.27
C2544HM-07P	15.24	19.81
C2544HM-08P	17.78	22.35
C2544HM-09P	20.32	24.89
C2544HM-10P	22.86	27.43
C2544HM-11P	25.40	29.97
C2544HM-12P	27.94	32.51
C2544HM-13P	30.48	35.05
C2544HM-14P	33.02	37.59
C2544HM-15P	35.56	40.13

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 5A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Ordering code

❶ ❷ ❸ ❹ ❺ ❻
C3030 F-T P E -A

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated, H=Gold-flash on contact area
❹ Material: P=Phosphor bronze
❺ E=Stamping before plating
❻ Option code: (Refer to drawings)

❶ ❷ ❸ ❹ ❺
C3030 HM A-2X 05P

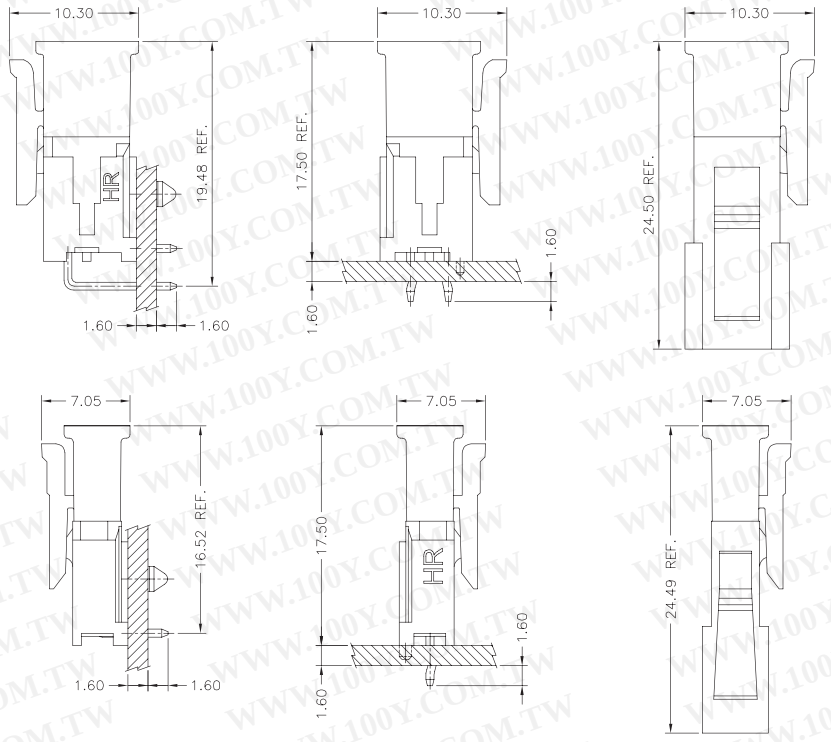
❶ Series No.
❷ Housing type: HF=Receptacle, HM=Plug
❸ Blank=With mounting ears
A=Without mounting ears
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits

❶ ❷ ❸ ❹ ❺ ❻
C3030 WV-F-2X 05P LP

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ F=With boss or peg
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits
❻ Option code:
LP=LCP, Black

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

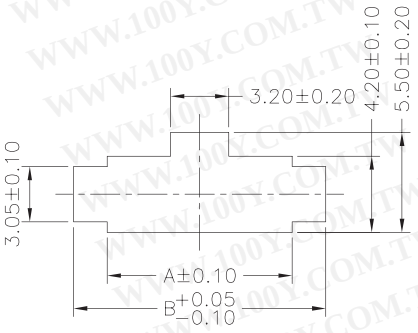
Assembly layout



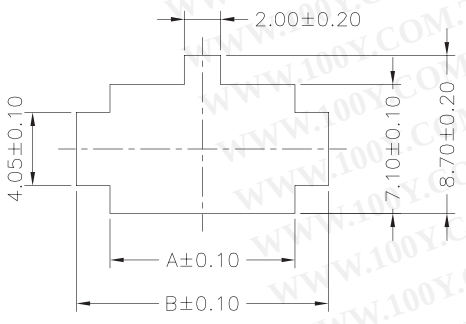
WIRE TO BOARD TYPE

WIRE TO WIRE TYPE

Panel hole layout



SINGLE ROW



DUAL ROW

PART NO.		Dimensions	
SINGLE ROW	DUAL ROW	A	B
----------	C3030HM-2X01P	4.20	7.90
C3030HM-02P	C3030HM-2X02P	7.20	10.90
C3030HM-03P	C3030HM-2X03P	10.20	13.90
C3030HM-04P	C3030HM-2X04P	13.20	16.90
C3030HM-05P	C3030HM-2X05P	16.20	19.90
C3030HM-06P	C3030HM-2X06P	19.20	22.90
C3030HM-07P	C3030HM-2X07P	22.20	25.90
C3030HM-08P	C3030HM-2X08P	25.20	28.90
C3030HM-09P	C3030HM-2X09P	28.20	31.90
C3030HM-10P	C3030HM-2X10P	31.20	34.90
C3030HM-11P	C3030HM-2X11P	34.20	37.90
C3030HM-12P	C3030HM-2X12P	37.20	40.90

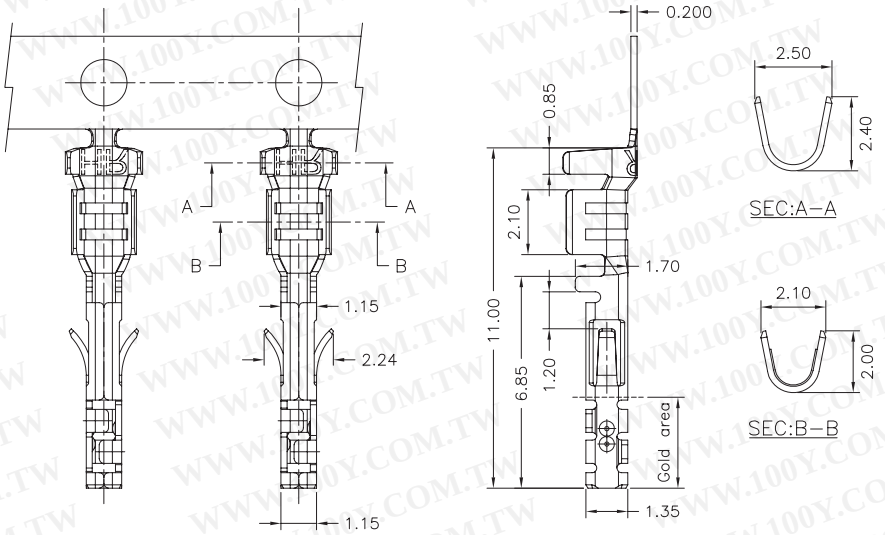
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C3030F-T 3.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C3030HF series Housing



Ordering Information & Specifications: Unit:mm

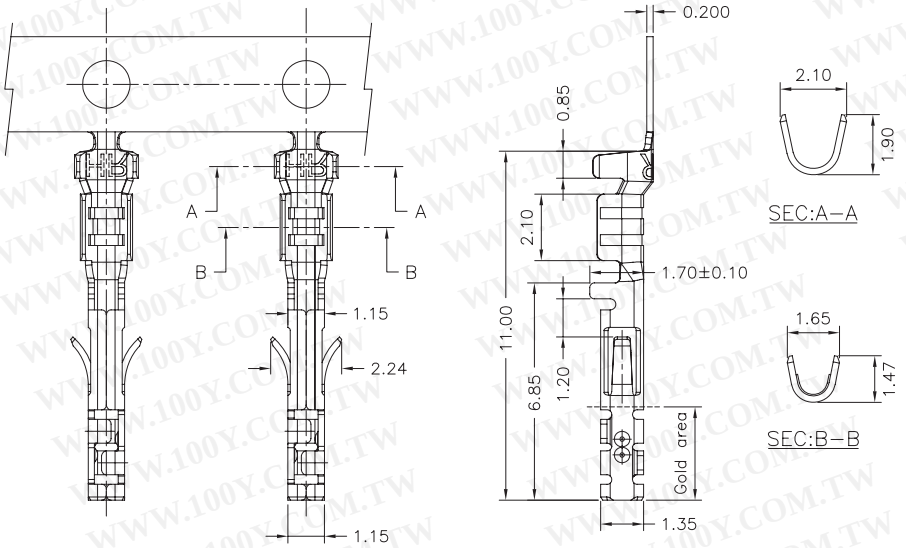
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C3030F-TPE-A	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
C3030F-HPE-A	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

Note:E-Stamping before Tin-plated or Gold-flash

C3030F-T 3.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C3030HF series Housing



Ordering Information & Specifications: Unit:mm

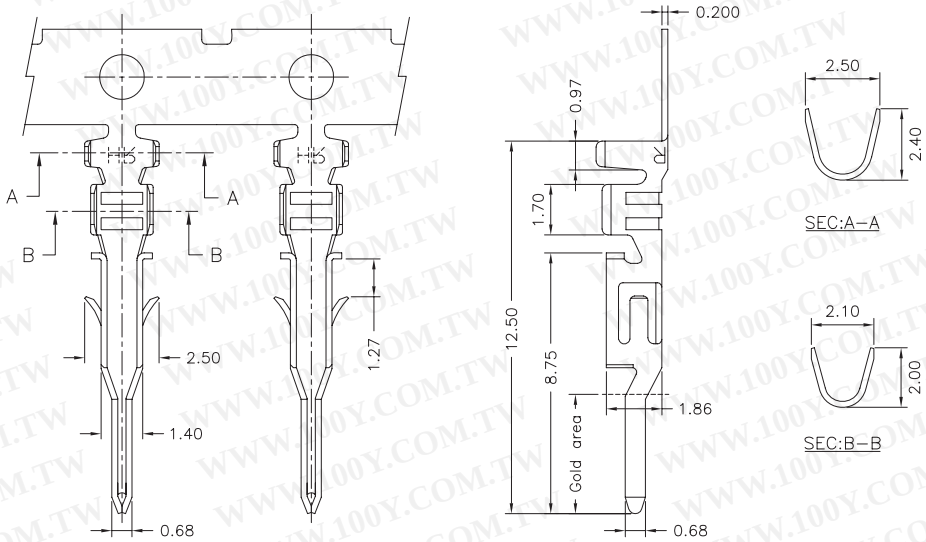
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C3030F-TPE-LA	AWG#26-#30	1.27mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
C3030F-HPE-LA	AWG#26-#30	1.27mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

Note:E-Stamping before Tin-plated or Gold-flash

C3030M-T 3.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C3030HM series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C3030M-TPE	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Tin-plated	15,000pcs
C3030M-HPE	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Gold-flash	15,000pcs

Note:E-Stamping before Tin-plated or Gold-flash

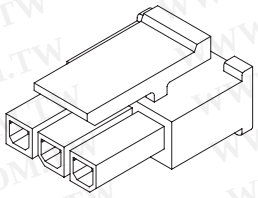
C3030HF 3.00mm pitch Single Row Housing

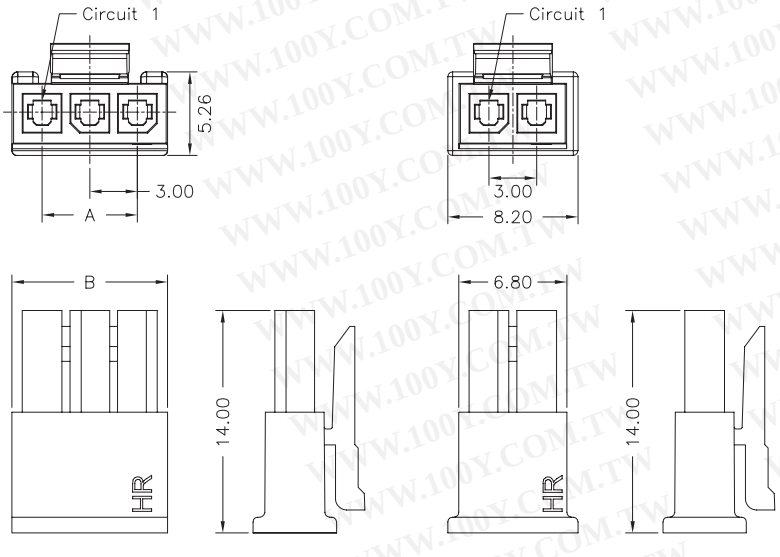
Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C3030F series Terminal
*Mates with H.R C3030HM,C3030HMA series single row Housing or C3030 series single row Wafer

C3030HF-05P N 2 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





03P~12P 02P

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030HF-02P	3.00	6.80
C3030HF-03P	6.00	9.80
C3030HF-04P	9.00	12.80
C3030HF-05P	12.00	15.80
C3030HF-06P	15.00	18.80
C3030HF-07P	18.00	21.80
C3030HF-08P	21.00	24.80
C3030HF-09P	24.00	27.80
C3030HF-10P	27.00	30.80
C3030HF-11P	30.00	33.80
C3030HF-12P	33.00	36.80

Unit:mm

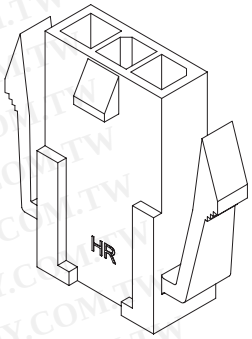
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

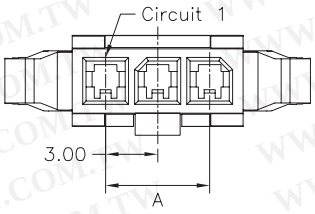
C3030HM

3.00mm pitch Single Row Housing

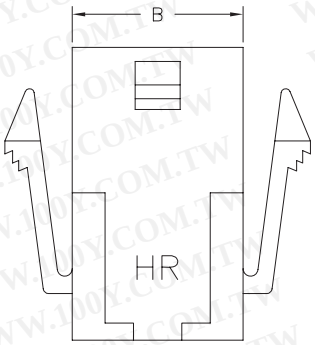
Reference Informations:

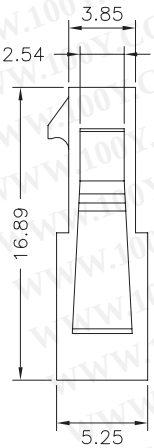
*Material: Nylon 66,UL94V-2
*Suitable H.R C3030M series Terminal
*Mates with H.R C3030HF series single row Housing





C3030HM−05P N 2 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66−V2
③ Color: B=Black
④ Plating code: NP=Non−plating
⑤ Plating code: N=Non−plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030HM-02P	3.00	6.85
C3030HM-03P	6.00	9.85
C3030HM-04P	9.00	12.85
C3030HM-05P	12.00	15.85
C3030HM-06P	15.00	18.85
C3030HM-07P	18.00	21.85
C3030HM-08P	21.00	24.85
C3030HM-09P	24.00	27.85
C3030HM-10P	27.00	30.85
C3030HM-11P	30.00	33.85
C3030HM-12P	33.00	36.85

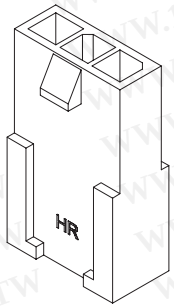
Unit:mm

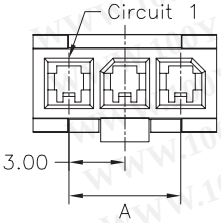
C3030HMA

3.00mm pitch Single Row Housing

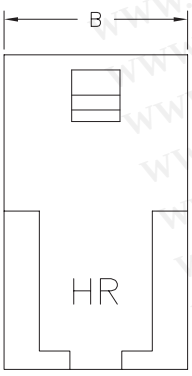
Reference Informations:

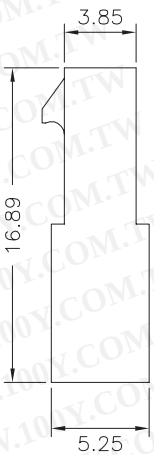
*Material: Nylon 66,UL94V-2
*Suitable H.R C3030M series Terminal
*Mates with H.R C3030HF series single row Housing





C3030HMA−05P N 2 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66−V2
③ Color: B=Black
④ Plating code: NP=Non−plating
⑤ Plating code: N=Non−plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030HMA-02P	3.00	6.85
C3030HMA-03P	6.00	9.85
C3030HMA-04P	9.00	12.85
C3030HMA-05P	12.00	15.85
C3030HMA-06P	15.00	18.85
C3030HMA-07P	18.00	21.85
C3030HMA-08P	21.00	24.85
C3030HMA-09P	24.00	27.85
C3030HMA-10P	27.00	30.85
C3030HMA-11P	30.00	33.85
C3030HMA-12P	33.00	36.85

Unit:mm

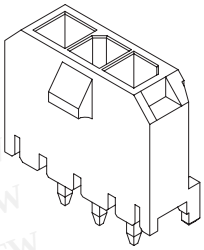
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

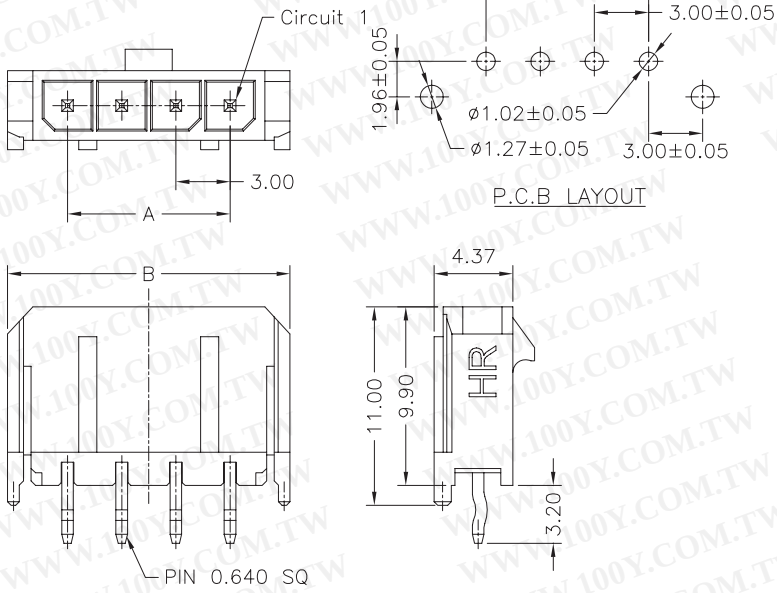
C3030WV-F 3.00mm pitch 180° Single Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT15%GF,UL94V-0
*Mates with H.R C3030HF series single row Housing
*LCP is available

C3030WV-F-05P N P B T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, L=LCP
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030WV-F-02P	3.00	9.65
C3030WV-F-03P	6.00	12.65
C3030WV-F-04P	9.00	15.65
C3030WV-F-05P	12.00	18.65
C3030WV-F-06P	15.00	21.65
C3030WV-F-07P	18.00	24.65
C3030WV-F-08P	21.00	27.65
C3030WV-F-09P	24.00	30.65
C3030WV-F-10P	27.00	33.65
C3030WV-F-11P	30.00	36.65
C3030WV-F-12P	33.00	39.65

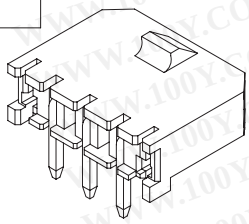
Unit:mm

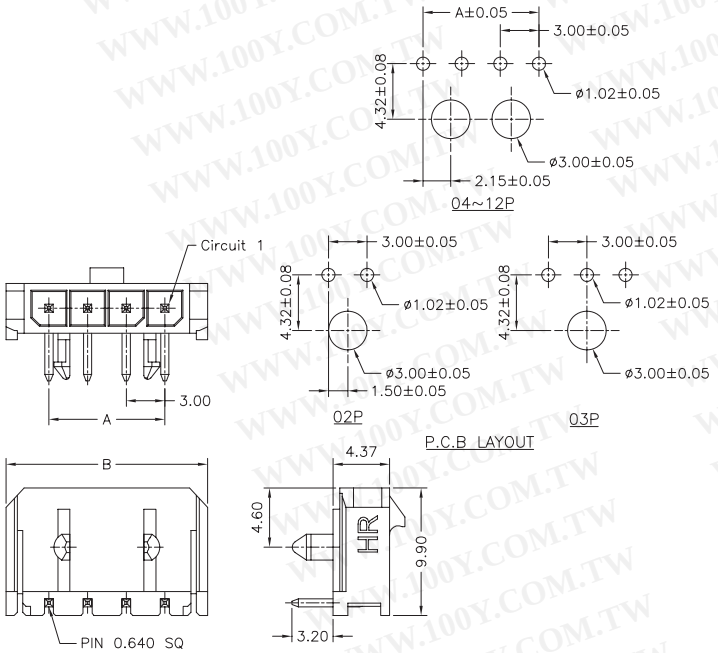
C3030WR-F 3.00mm pitch 90° Single Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT15%GF,UL94V-0
*Mates with H.R C3030HF series single row Housing
*LCP is available

C3030WR-F-05P N P B T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, L=LCP
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030WR-F-02P	3.00	9.65
C3030WR-F-03P	6.00	12.65
C3030WR-F-04P	9.00	15.65
C3030WR-F-05P	12.00	18.65
C3030WR-F-06P	15.00	21.65
C3030WR-F-07P	18.00	24.65
C3030WR-F-08P	21.00	27.65
C3030WR-F-09P	24.00	30.65
C3030WR-F-10P	27.00	33.65
C3030WR-F-11P	30.00	36.65
C3030WR-F-12P	33.00	39.65

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

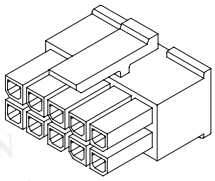
C3030HF-2

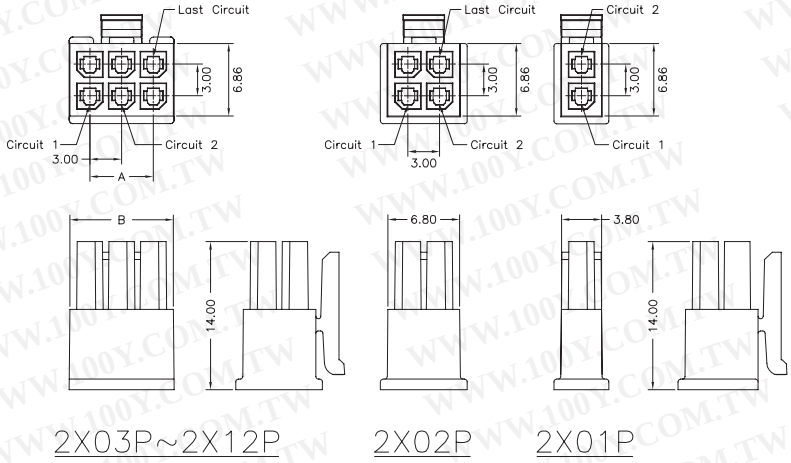
3.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C3030F series Terminal
*Mates with H.R C3030HM series dual row Housing or C3030 series dual row Wafer

C3030HF-2X05P N 2 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030HF-2X01P	-----	3.80
C3030HF-2X02P	3.00	6.80
C3030HF-2X03P	6.00	9.80
C3030HF-2X04P	9.00	12.80
C3030HF-2X05P	12.00	15.80
C3030HF-2X06P	15.00	18.80
C3030HF-2X07P	18.00	21.80
C3030HF-2X08P	21.00	24.80
C3030HF-2X09P	24.00	27.80
C3030HF-2X10P	27.00	30.80
C3030HF-2X11P	30.00	33.80
C3030HF-2X12P	33.00	36.80

Unit:mm

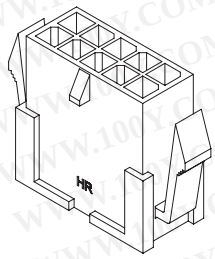
C3030HM-2

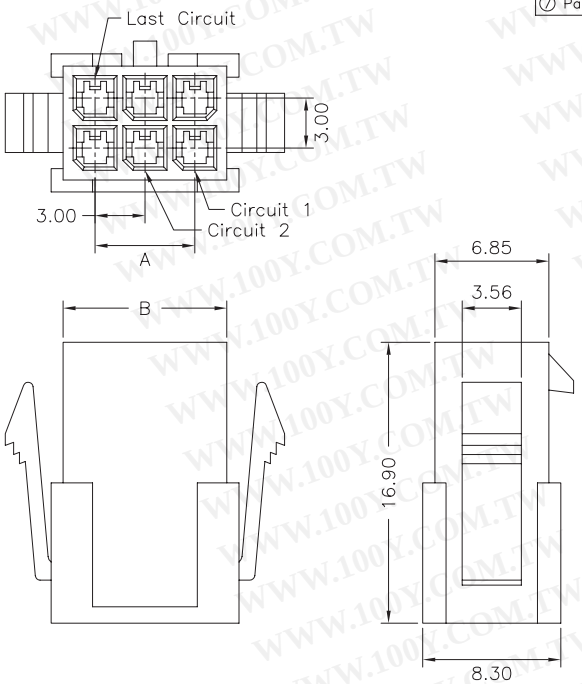
3.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C3030M series Terminal
*Mates with H.R C3030HF series dual row Housing

C3030HM-2X05P N 2 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030HM-2X01P	-----	3.85
C3030HM-2X02P	3.00	6.85
C3030HM-2X03P	6.00	9.85
C3030HM-2X04P	9.00	12.85
C3030HM-2X05P	12.00	15.85
C3030HM-2X06P	15.00	18.85
C3030HM-2X07P	18.00	21.85
C3030HM-2X08P	21.00	24.85
C3030HM-2X09P	24.00	27.85
C3030HM-2X10P	27.00	30.85
C3030HM-2X11P	30.00	33.85
C3030HM-2X12P	33.00	36.85

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

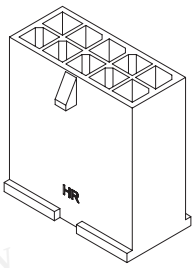
C3030MHA-2

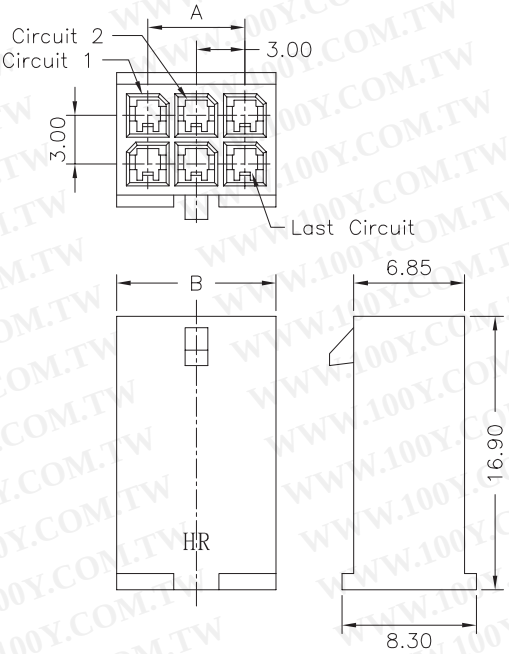
3.00mm pitch Dual Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C3030M series Terminal
*Mates with H.R C3030HF series dual row Housing

C3030HMA-2X05P N 2 B NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030HMA-2X01P	-----	3.85
C3030HMA-2X02P	3.00	6.85
C3030HMA-2X03P	6.00	9.85
C3030HMA-2X04P	9.00	12.85
C3030HMA-2X05P	12.00	15.85
C3030HMA-2X06P	15.00	18.85
C3030HMA-2X07P	18.00	21.85
C3030HMA-2X08P	21.00	24.85
C3030HMA-2X09P	24.00	27.85
C3030HMA-2X10P	27.00	30.85
C3030HMA-2X11P	30.00	33.85
C3030HMA-2X12P	33.00	36.85

Unit:mm

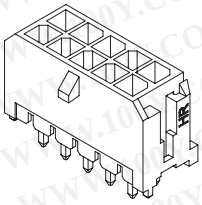
C3030WV-F-2

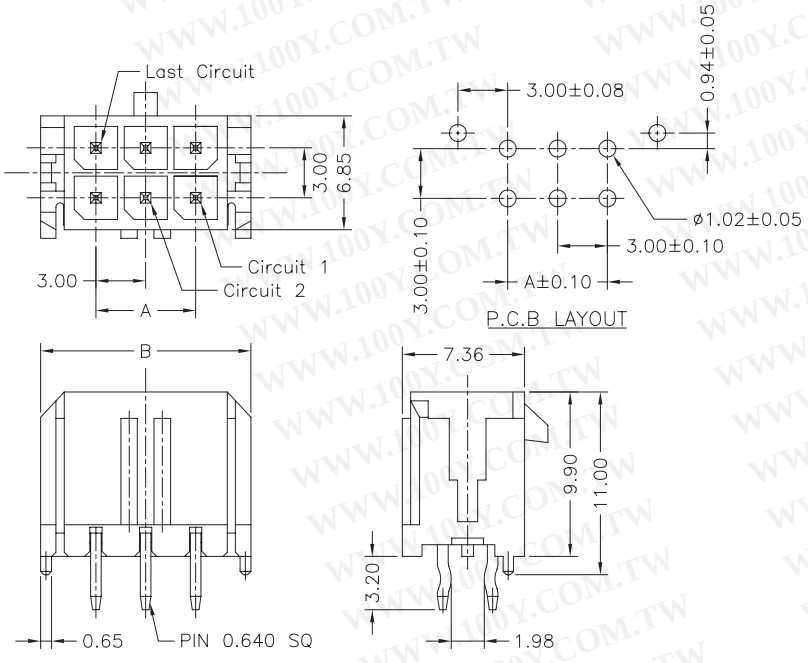
3.00mm pitch 180° Dual Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT30%GF,UL94V-0
*Mates with H.R C3030HF series dual row Housing
*LCP is available

C3030WV-F-2X05P N P B T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: P=PBT, L=LCP
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030WV-F-2X01P	-----	6.65
C3030WV-F-2X02P	3.00	9.65
C3030WV-F-2X03P	6.00	12.65
C3030WV-F-2X04P	9.00	15.65
C3030WV-F-2X05P	12.00	18.65
C3030WV-F-2X06P	15.00	21.65
C3030WV-F-2X07P	18.00	24.65
C3030WV-F-2X08P	21.00	27.65
C3030WV-F-2X09P	24.00	30.65
C3030WV-F-2X10P	27.00	33.65
C3030WV-F-2X11P	30.00	36.65
C3030WV-F-2X12P	33.00	39.65

Unit:mm

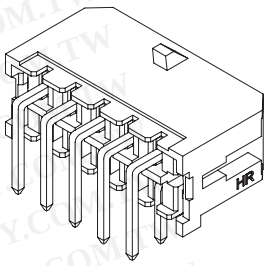
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

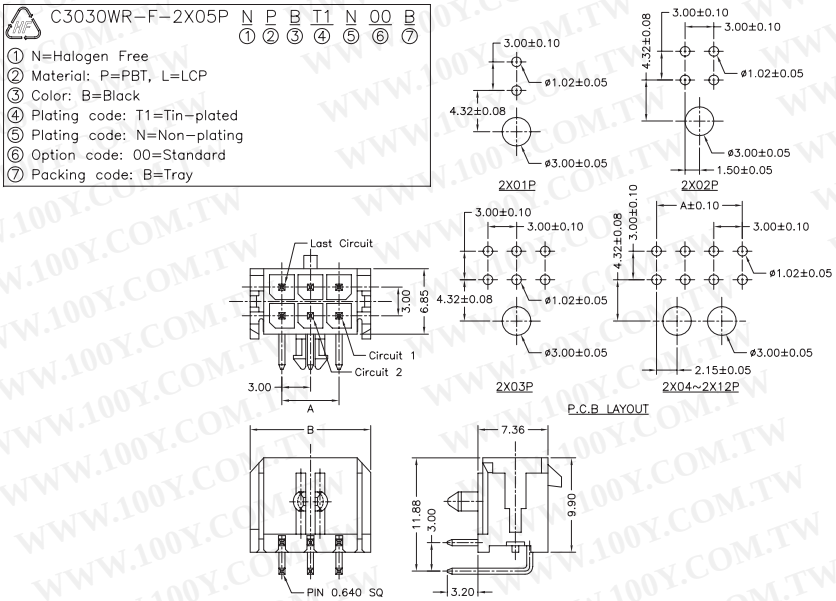
C3030WR-F-2

3.00mm pitch 90° Dual Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: PBT30%GF,UL94V-0
*Mates with H.R C3030HF series dual row Housing
*LCP is available

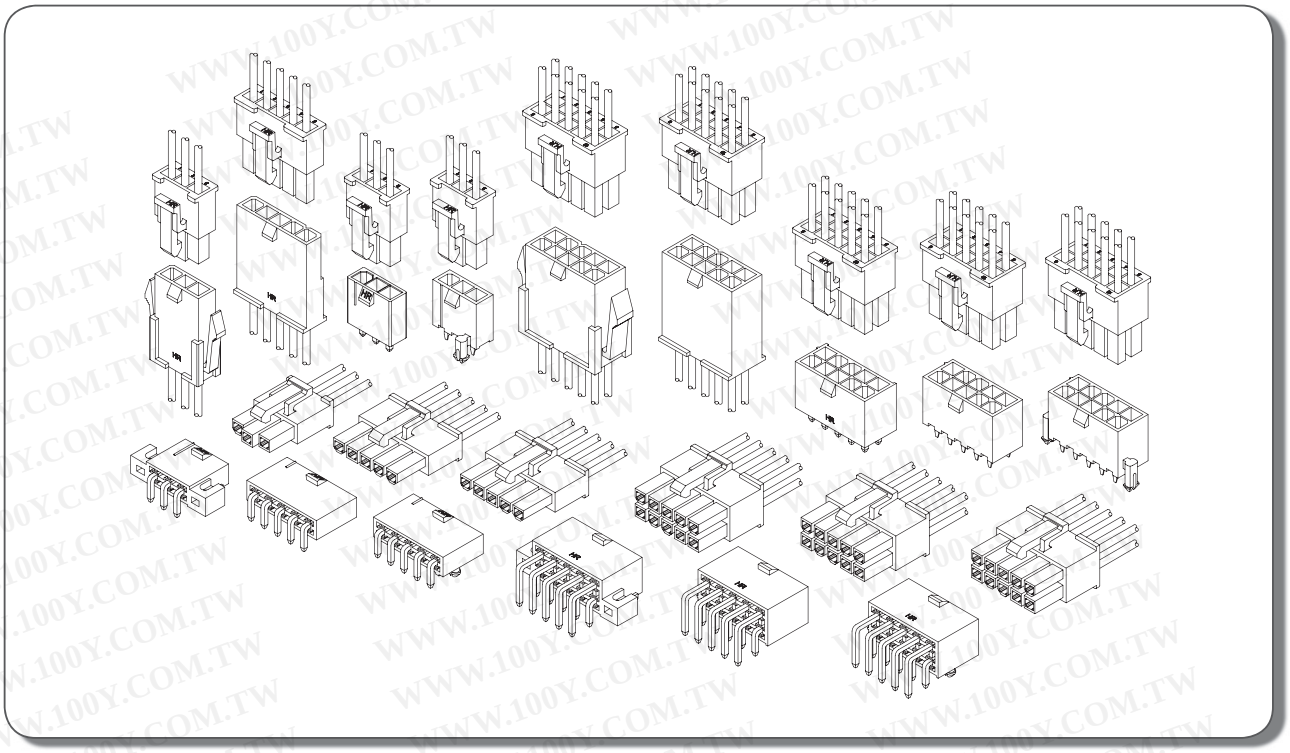




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C3030WR-F-2X01P	-----	6.65
C3030WR-F-2X02P	3.00	9.65
C3030WR-F-2X03P	6.00	12.65
C3030WR-F-2X04P	9.00	15.65
C3030WR-F-2X05P	12.00	18.65
C3030WR-F-2X06P	15.00	21.65
C3030WR-F-2X07P	18.00	24.65
C3030WR-F-2X08P	21.00	27.65
C3030WR-F-2X09P	24.00	30.65
C3030WR-F-2X10P	27.00	33.65
C3030WR-F-2X11P	30.00	36.65
C3030WR-F-2X12P	33.00	39.65

Unit:mm



Specifications

Current rating: 9A AC,DC
Voltage rating: 600V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Ordering code

❶ ❷ ❸ ❹ ❺ ❻
C4255 F-T B E -A

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: P=Phosphor bronze, B=Brass
❺ E=Stamping before plating
❻ Option code: (Refer to drawings)

❶ ❷ ❸ ❹ ❺ ❻
C4255 HM A-2X 05P -V0

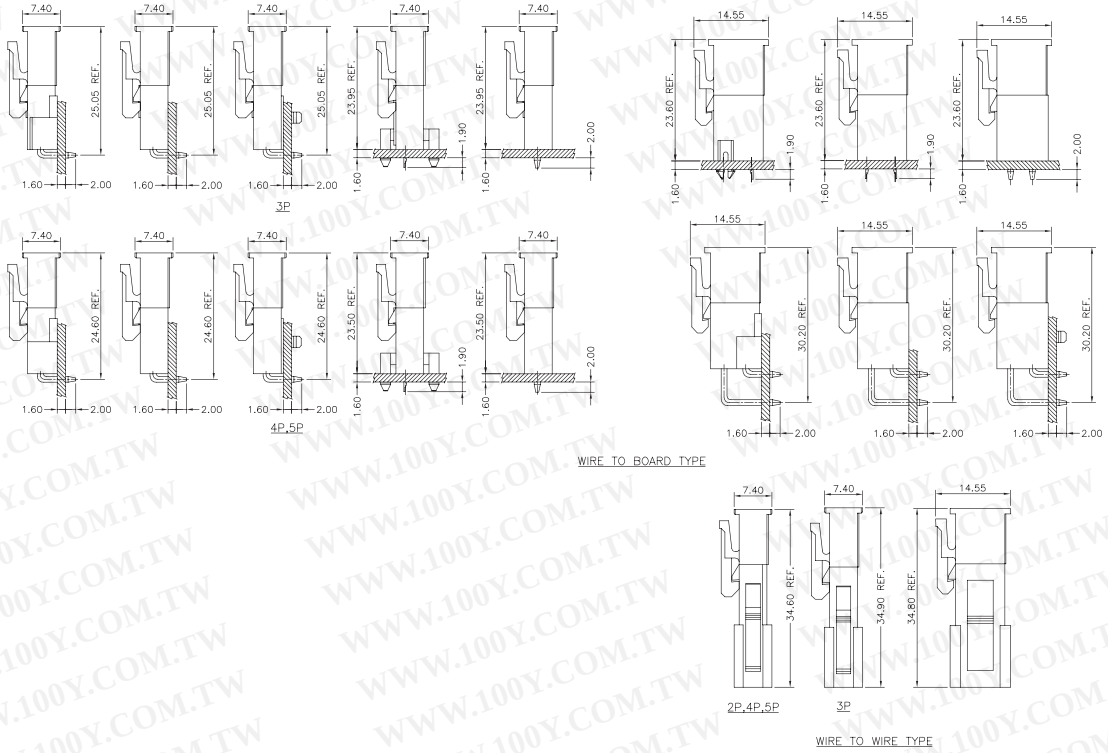
❶ Series No.
❷ Housing type: HF=Receptacle, HM=Plug
❸ Blank=With mounting ears
A=Without mounting ears
❹ Blank=Single row, 2X=Dual row
❺ No. of circuits
❻ Option code: -V0=UL94V-0

❶ ❷ ❸ ❹ ❺ ❻ ❼
C4255 WV A -F-2X 05P 46

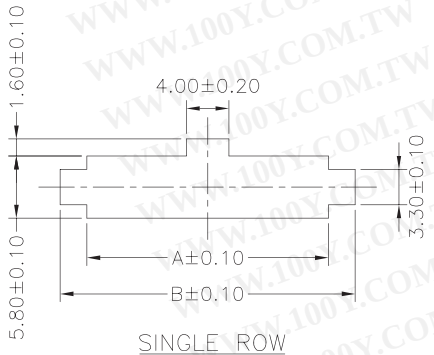
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Square pin
A=Press pin
❹ Blank=Normal type
-F=With peg, -E=With ear
❺ Blank=Single row, 2X=Dual row
❻ No. of circuits
❼ Option code:
46=Nylon 46(Press pin type only)

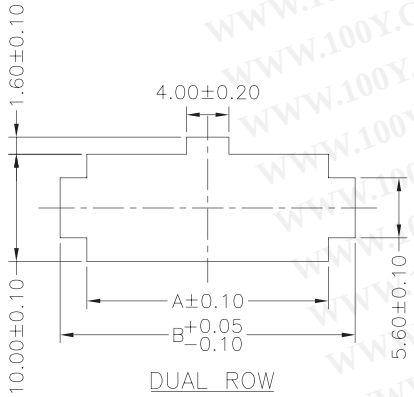
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

Assembly layout



Panel hole layout





PART NO.		Dimensions	
SINGLE ROW	DUAL ROW	A	B
----------	C4255HM-2X01P	5.80	10.80
C4255HM-02P	C4255HM-2X02P	10.00	15.00
C4255HM-03P	C4255HM-2X03P	14.20	19.20
C4255HM-04P	C4255HM-2X04P	18.40	23.40
C4255HM-05P	C4255HM-2X05P	22.60	27.60
C4255HM-06P	C4255HM-2X06P	26.80	31.80
C4255HM-07P	C4255HM-2X07P	31.00	36.00
C4255HM-08P	C4255HM-2X08P	35.20	40.20
C4255HM-09P	C4255HM-2X09P	39.40	44.40
C4255HM-10P	C4255HM-2X10P	43.60	48.60
C4255HM-11P	C4255HM-2X11P	47.80	52.80
C4255HM-12P	C4255HM-2X12P	52.00	57.00

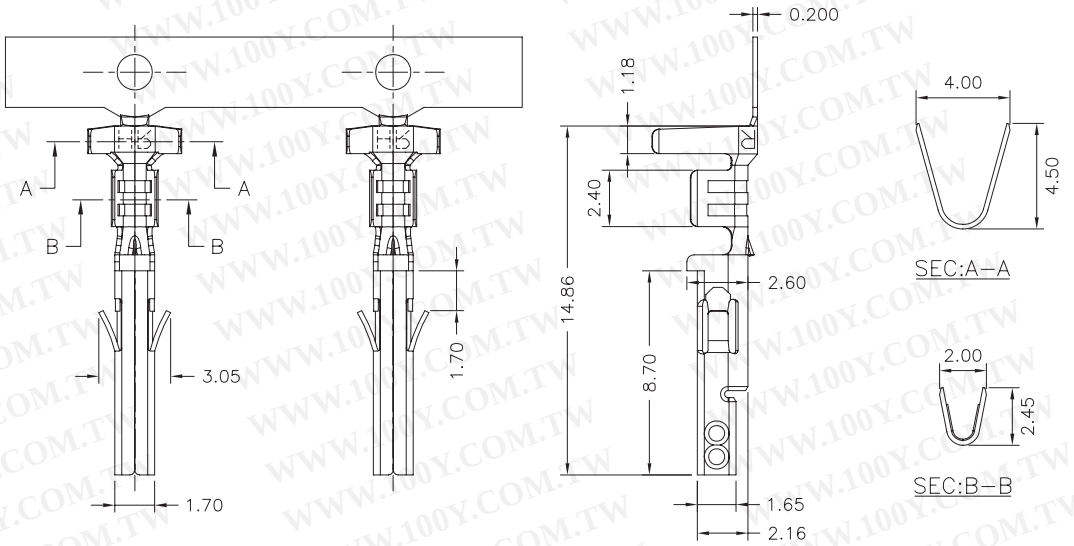
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C4255F-T 4.20mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4255HF series Housing



Ordering Information & Specifications: Unit:mm

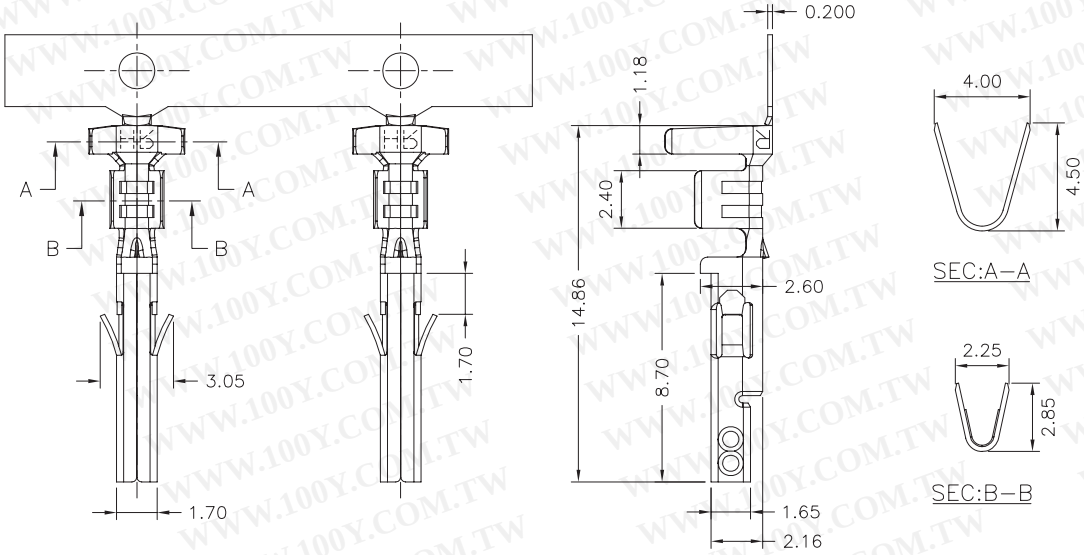
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4255F-TBE-A	AWG#18-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs
C4255F-TPE-A	AWG#18-#24	3.10mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

C4255F-T 4.20mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4255HF series Housing



Ordering Information & Specifications: Unit:mm

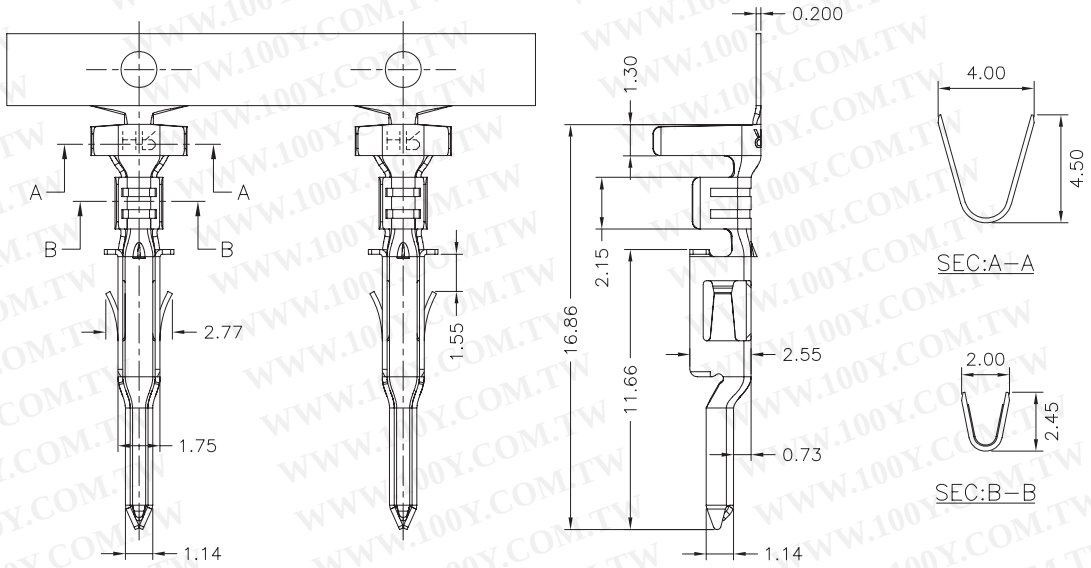
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4255F-TBE-HA	AWG#16-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs
C4255F-TPE-HA	AWG#16-#24	3.10mm(max)	Phosphor Bronze	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

C4255M-T 4.20mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4255HM or C4255HMA series Housing



Ordering Information & Specifications: Unit:mm

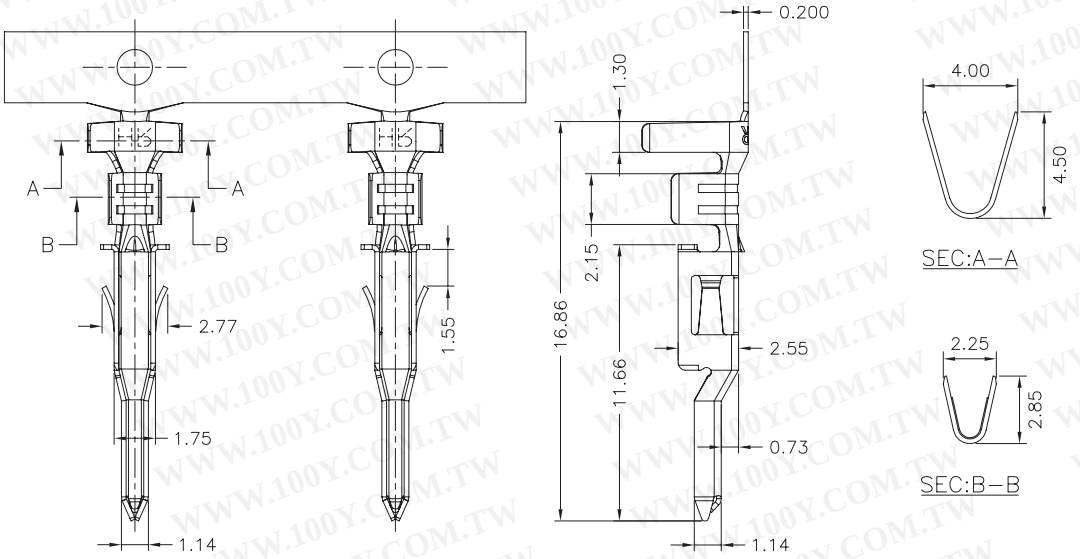
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4255M-TBE-A	AWG#18-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

C4255M-T 4.20mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4255HM or C4255HMA series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4255M-TBE-HA	AWG#16-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

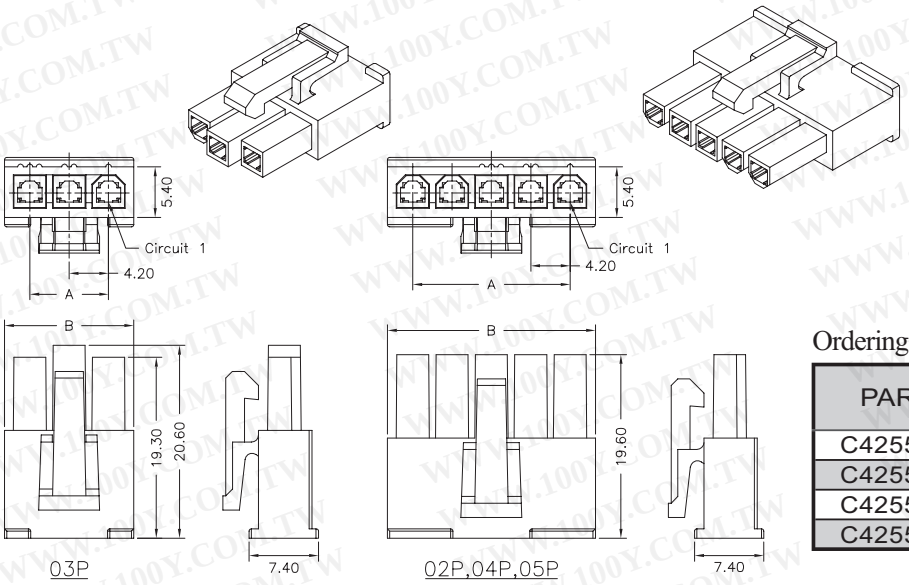
C4255HF

4.20mm pitch Single Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C4255F series Terminal
*Mates with H.R C4255HM,C4255HMA series single row Housing or C4255 series single row Wafer
*Nylon 66,UL94V-0 is available

C4255HF-05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255HF-02P	4.20	9.60
C4255HF-03P	8.40	13.80
C4255HF-04P	12.60	18.00
C4255HF-05P	16.80	22.20

Unit:mm

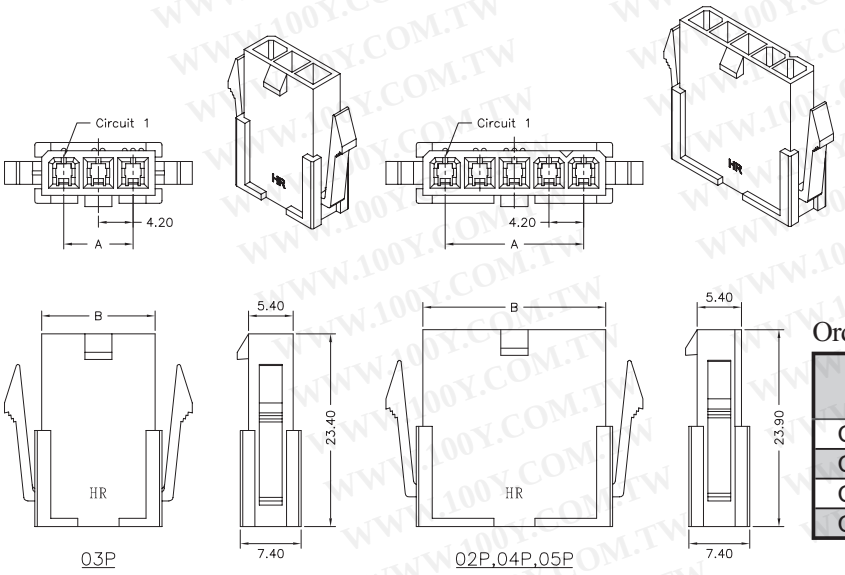
C4255HM

4.20mm pitch Single Row Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C4255M series Terminal
*Mates with H.R C4255HF series single row Housing
*Nylon 66,UL94V-0 is available

C4255HM-05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255HM-02P	4.20	9.60
C4255HM-03P	8.40	13.80
C4255HM-04P	12.60	18.00
C4255HM-05P	16.80	22.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

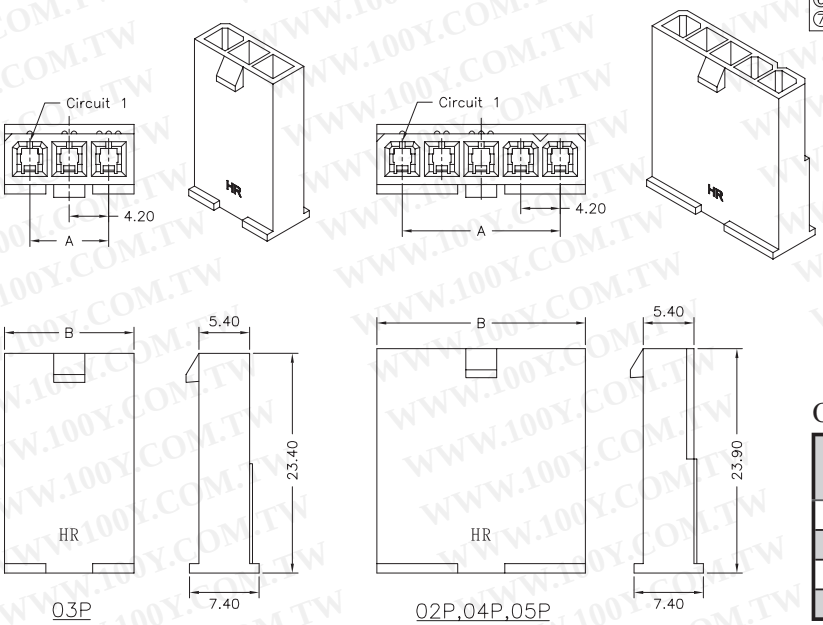
C4255HMA

4.20mm pitch Single Row Housing - Without Mounting Ears

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C4255M series Terminal
*Mates with H.R C4255HF series single row Housing
*Nylon 66,UL94V-0 is available

C4255HMA-05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255HMA-02P	4.20	9.60
C4255HMA-03P	8.40	13.80
C4255HMA-04P	12.60	18.00
C4255HMA-05P	16.80	22.20

Unit:mm

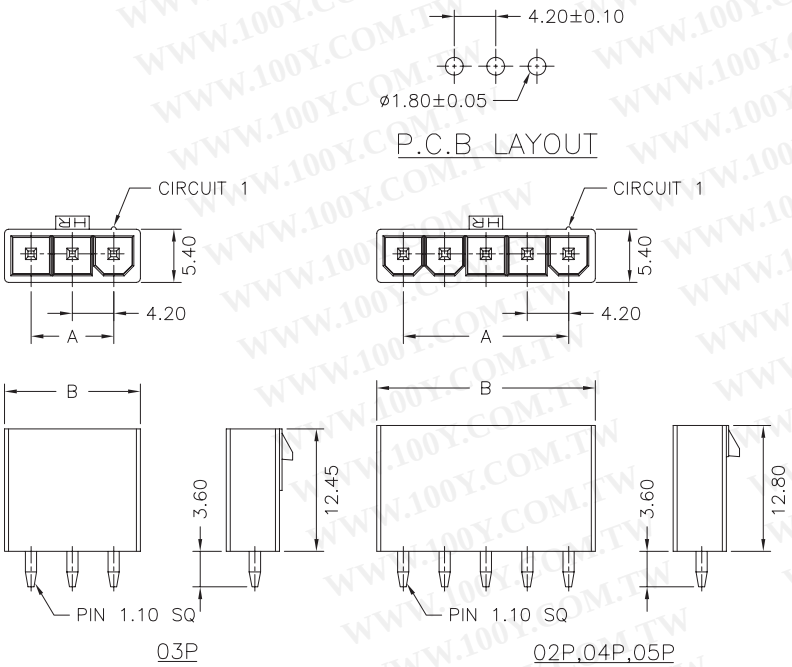
C4255WV

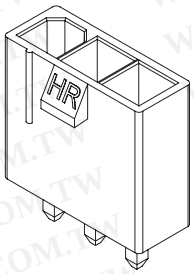
4.20mm pitch 180° Single Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series single row Housing

C4255WV-05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WV-02P	4.20	9.60
C4255WV-03P	8.40	13.80
C4255WV-04P	12.60	18.00
C4255WV-05P	16.80	22.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

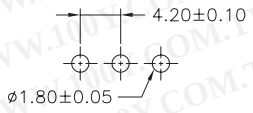
C4255WR

4.20mm pitch 90° Single Row Wafer

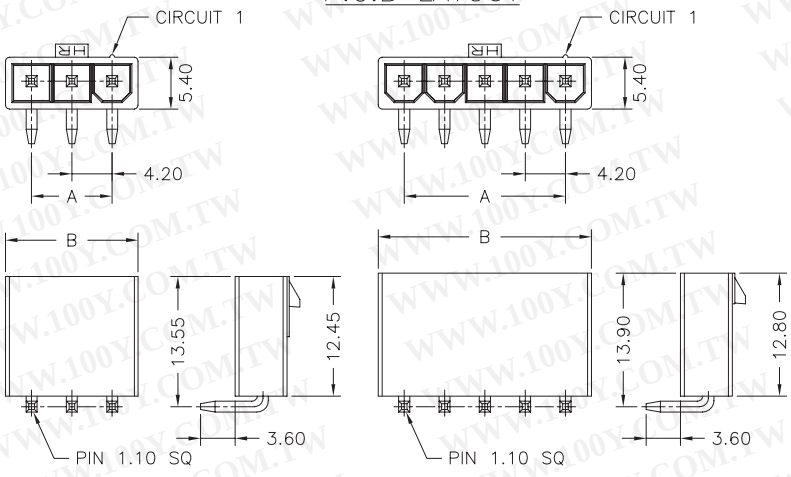
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series single row Housing

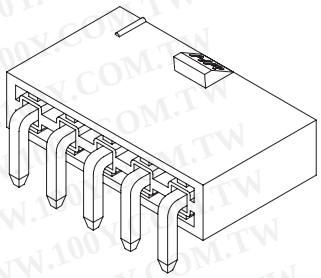
C4255WR-05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray



P.C.B LAYOUT



03P 02P,04P,05P



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WR-02P	4.20	9.60
C4255WR-03P	8.40	13.80
C4255WR-04P	12.60	18.00
C4255WR-05P	16.80	22.20

Unit:mm

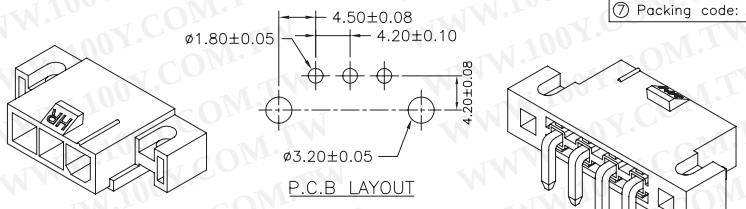
C4255WR-E

4.20mm pitch 90° Single Row Wafer With Ear

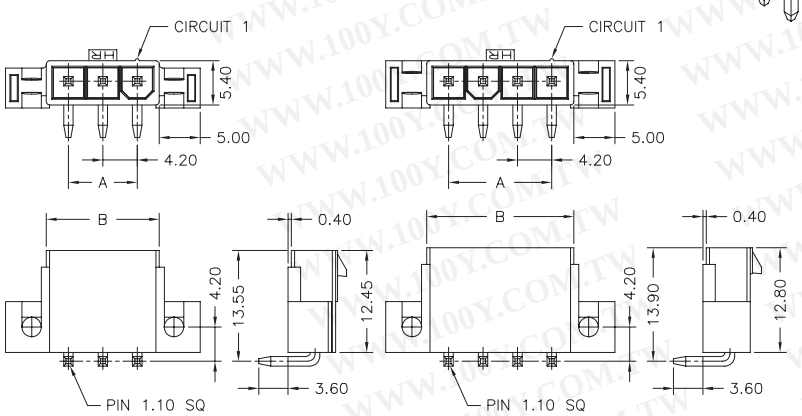
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series single row Housing

C4255WR-E-05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray



P.C.B LAYOUT



03P 02P,04P,05P

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WR-E-02P	4.20	9.60
C4255WR-E-03P	8.40	13.80
C4255WR-E-04P	12.60	18.00
C4255WR-E-05P	16.80	22.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

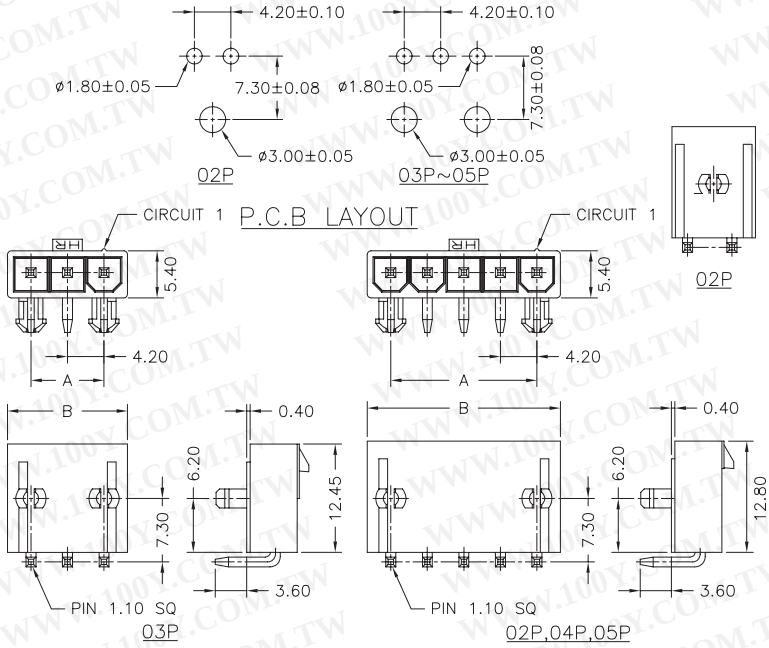
C4255WR-F

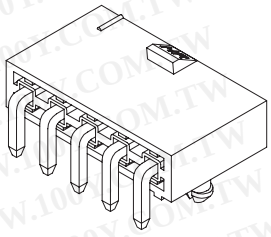
4.20mm pitch 90° Single Row Wafer With Pegs

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series single row Housing

C4255WR-F-05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WR-F-02P	4.20	9.60
C4255WR-F-03P	8.40	13.80
C4255WR-F-04P	12.60	18.00
C4255WR-F-05P	16.80	22.20

Unit:mm

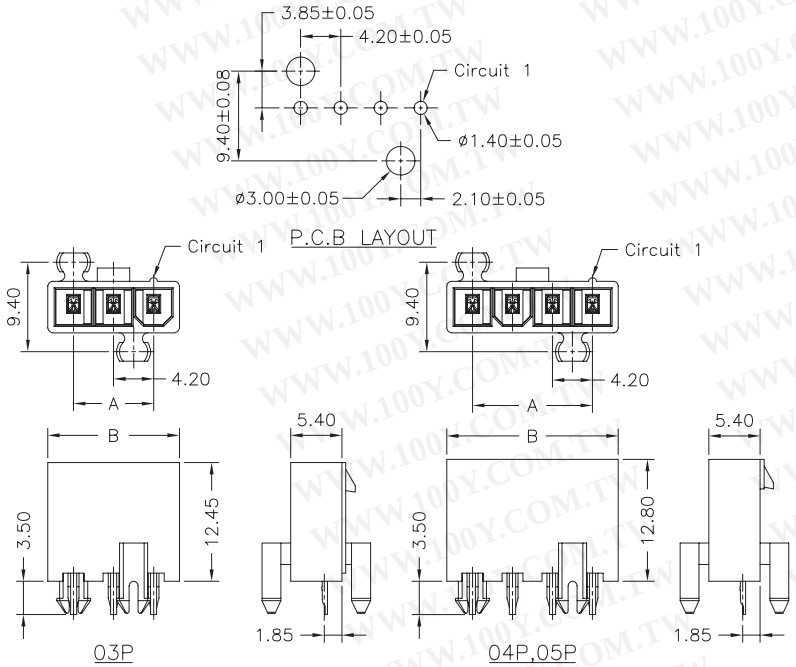
C4255WVA-F

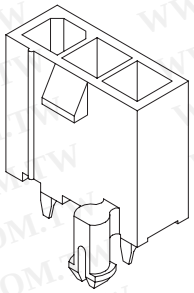
4.20mm pitch 180° Single Row Wafer With Pegs

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series single row Housing

C4255WVA-F-05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WVA-F-03P	8.40	13.80
C4255WVA-F-04P	12.60	18.00
C4255WVA-F-05P	16.80	22.20

Unit:mm

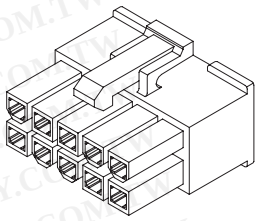
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

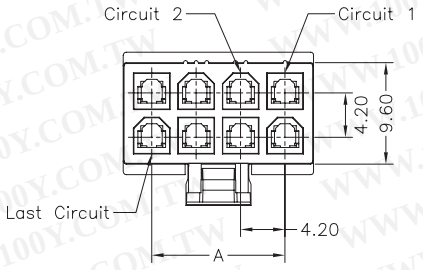
C4255HF-2

4.20mm pitch Dual Row Housing

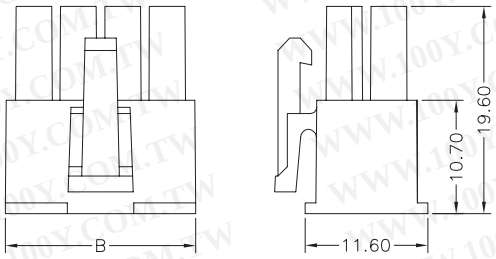
Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C4255F series Terminal
*Mates with H.R C4255HM,C4255HMA series dual row Housing
or C4255 series dual row Wafer
*Nylon 66,UL94V-0 is available





C4255HF-2X05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255HF-2X01P	-----	5.70
C4255HF-2X02P	4.20	9.60
C4255HF-2X03P	8.40	13.80
C4255HF-2X04P	12.60	18.00
C4255HF-2X05P	16.80	22.20
C4255HF-2X06P	21.00	26.40
C4255HF-2X07P	25.20	30.60
C4255HF-2X08P	29.40	34.80
C4255HF-2X09P	33.60	39.00
C4255HF-2X10P	37.80	43.20
C4255HF-2X11P	42.00	47.40
C4255HF-2X12P	46.20	51.60

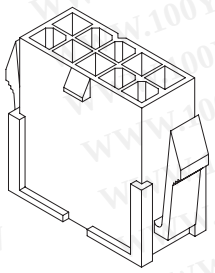
Unit:mm

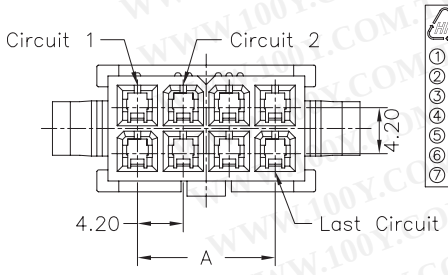
C4255HM-2

4.20mm pitch Dual Row Housing

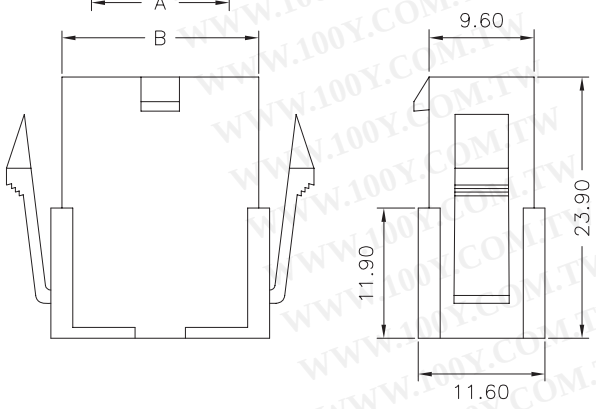
Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C4255M series Terminal
*Mates with H.R C4255HF series dual row Housing
*Nylon 66,UL94V-0 is available





C4255HM-2X05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255HM-2X01P	-----	5.40
C4255HM-2X02P	4.20	9.60
C4255HM-2X03P	8.40	13.80
C4255HM-2X04P	12.60	18.00
C4255HM-2X05P	16.80	22.20
C4255HM-2X06P	21.00	26.40
C4255HM-2X07P	25.20	30.60
C4255HM-2X08P	29.40	34.80
C4255HM-2X09P	33.60	39.00
C4255HM-2X10P	37.80	43.20
C4255HM-2X11P	42.00	47.40
C4255HM-2X12P	46.20	51.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

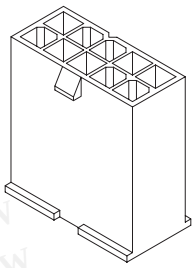
C4255HMA-2

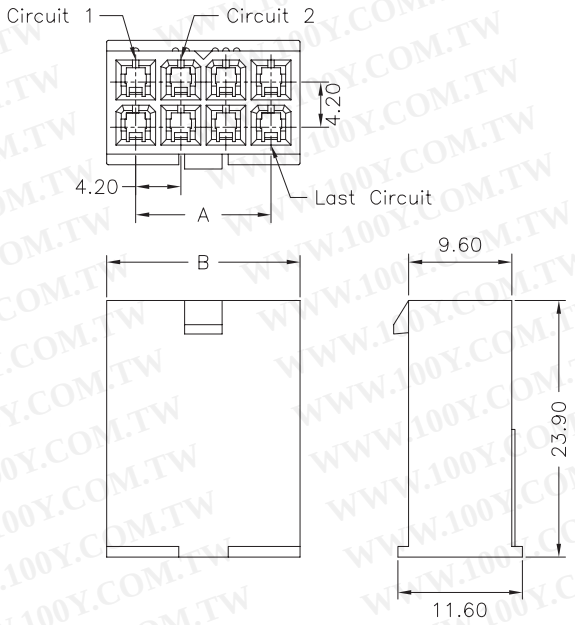
4.20mm pitch Dual Row Housing - Without Mounting Ears

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C4255M series Terminal
*Mates with H.R C4255HF series dual row Housing
*Nylon 66,UL94V-0 is available

C4255HMA-2X05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255HMA-2X01P	-----	5.40
C4255HMA-2X02P	4.20	9.60
C4255HMA-2X03P	8.40	13.80
C4255HMA-2X04P	12.60	18.00
C4255HMA-2X05P	16.80	22.20
C4255HMA-2X06P	21.00	26.40
C4255HMA-2X07P	25.20	30.60
C4255HMA-2X08P	29.40	34.80
C4255HMA-2X09P	33.60	39.00
C4255HMA-2X10P	37.80	43.20
C4255HMA-2X11P	42.00	47.40
C4255HMA-2X12P	46.20	51.60

Unit:mm

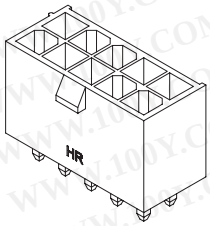
C4255WV-2

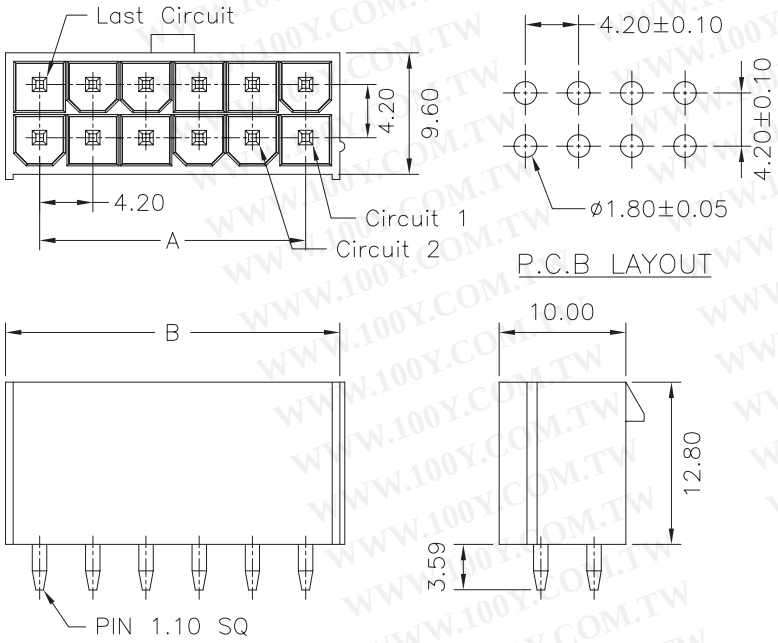
4.20mm pitch 180° Dual Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing

C4255WV-2X05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WV-2X01P	-----	5.40
C4255WV-2X02P	4.20	9.60
C4255WV-2X03P	8.40	13.80
C4255WV-2X04P	12.60	18.00
C4255WV-2X05P	16.80	22.20
C4255WV-2X06P	21.00	26.40
C4255WV-2X07P	25.20	30.60
C4255WV-2X08P	29.40	34.80
C4255WV-2X09P	33.60	39.00
C4255WV-2X10P	37.80	43.20
C4255WV-2X11P	42.00	47.40
C4255WV-2X12P	46.20	51.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

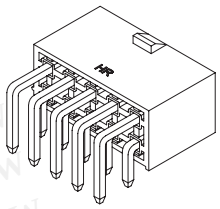
C4255WR-2

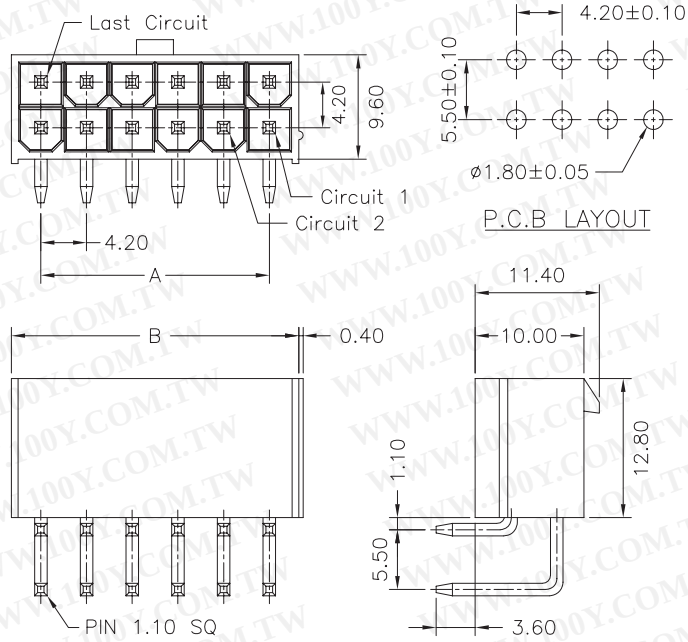
4.20mm pitch 90° Dual Row Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing

C4255WR-2X05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WR-2X01P	-----	5.40
C4255WR-2X02P	4.20	9.60
C4255WR-2X03P	8.40	13.80
C4255WR-2X04P	12.60	18.00
C4255WR-2X05P	16.80	22.20
C4255WR-2X06P	21.00	26.40
C4255WR-2X07P	25.20	30.60
C4255WR-2X08P	29.40	34.80
C4255WR-2X09P	33.60	39.00
C4255WR-2X10P	37.80	43.20
C4255WR-2X11P	42.00	47.40
C4255WR-2X12P	46.20	51.60

Unit:mm

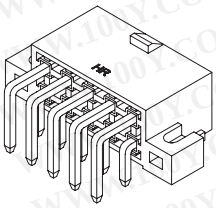
C4255WR-E-2

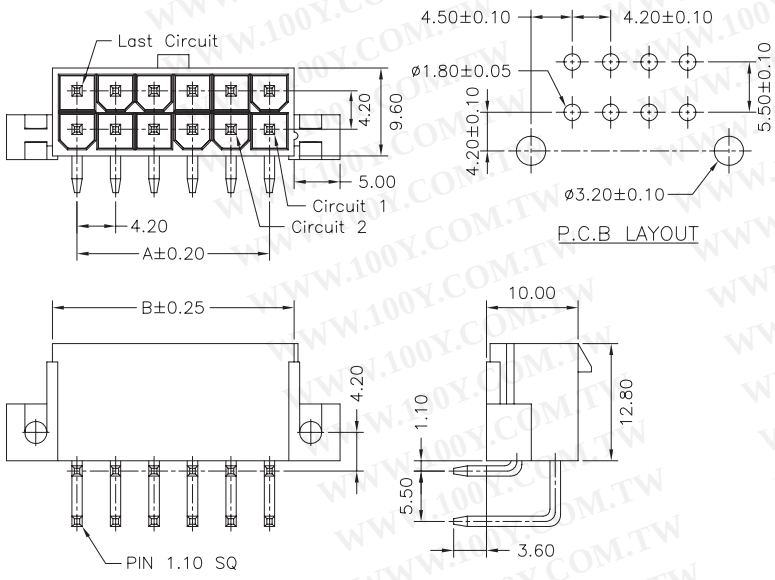
4.20mm pitch 90° Dual Row Wafer With Ear

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing

C4255WR-E-2X05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WR-E-2X01P	-----	5.40
C4255WR-E-2X02P	4.20	9.60
C4255WR-E-2X03P	8.40	13.80
C4255WR-E-2X04P	12.60	18.00
C4255WR-E-2X05P	16.80	22.20
C4255WR-E-2X06P	21.00	26.40
C4255WR-E-2X07P	25.20	30.60
C4255WR-E-2X08P	29.40	34.80
C4255WR-E-2X09P	33.60	39.00
C4255WR-E-2X10P	37.80	43.20
C4255WR-E-2X11P	42.00	47.40
C4255WR-E-2X12P	46.20	51.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

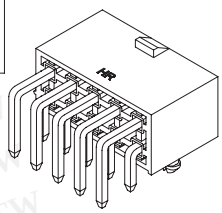
C4255WR-F-2

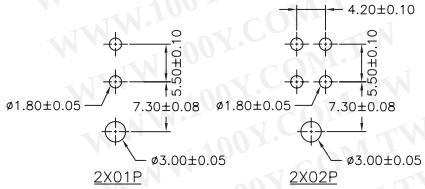
4.20mm pitch 90° Dual Row Wafer With Foot

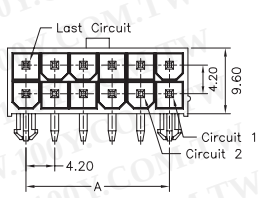
Reference Informations:

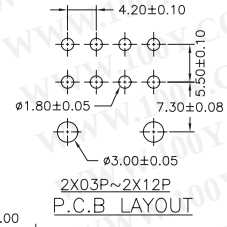
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing

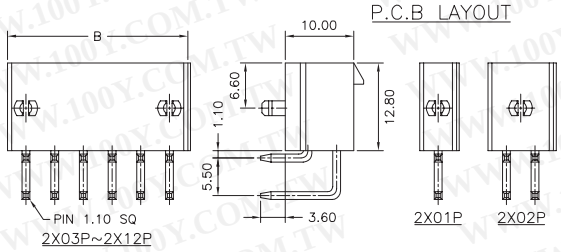
C4255WR-F-2X05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray











Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WR-F-2X01P	-----	5.40
C4255WR-F-2X02P	4.20	9.60
C4255WR-F-2X03P	8.40	13.80
C4255WR-F-2X04P	12.60	18.00
C4255WR-F-2X05P	16.80	22.20
C4255WR-F-2X06P	21.00	26.40
C4255WR-F-2X07P	25.20	30.60
C4255WR-F-2X08P	29.40	34.80
C4255WR-F-2X09P	33.60	39.00
C4255WR-F-2X10P	37.80	43.20
C4255WR-F-2X11P	42.00	47.40
C4255WR-F-2X12P	46.20	51.60

Unit:mm

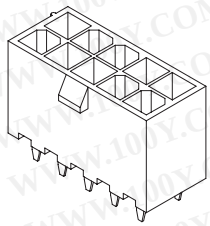
C4255WVA-2

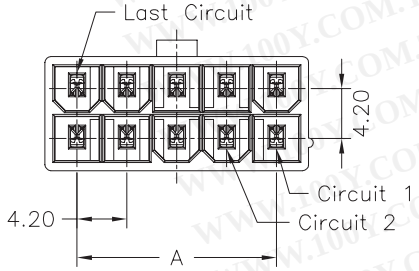
4.20mm pitch 180° Dual Row Wafer

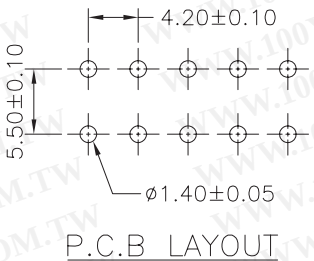
Reference Informations:

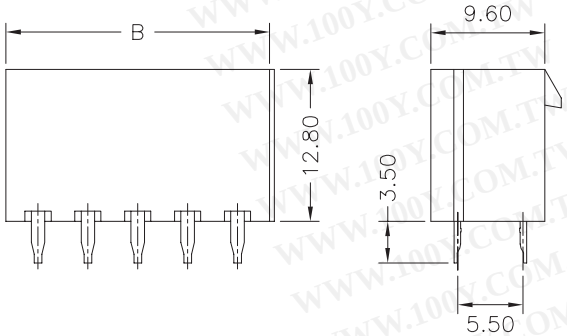
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing
*Nylon 46 is available

C4255WVA-2X05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WVA-2X01P	-----	5.40
C4255WVA-2X02P	4.20	9.60
C4255WVA-2X03P	8.40	13.80
C4255WVA-2X04P	12.60	18.00
C4255WVA-2X05P	16.80	22.20
C4255WVA-2X06P	21.00	26.40
C4255WVA-2X07P	25.20	30.60
C4255WVA-2X08P	29.40	34.80
C4255WVA-2X09P	33.60	39.00
C4255WVA-2X10P	37.80	43.20
C4255WVA-2X11P	42.00	47.40
C4255WVA-2X12P	46.20	51.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

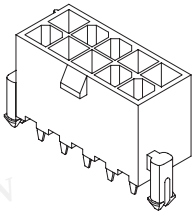
C4255WVA-F-2

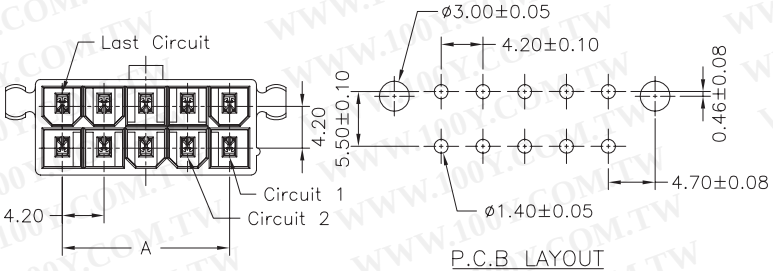
4.20mm pitch 180° Dual Row Wafer With Foot

Reference Informations:

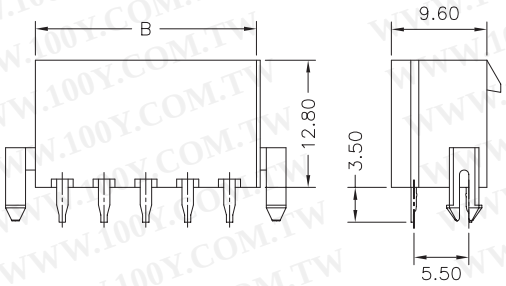
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing
*Nylon 46 is available

C4255WVA-F-2X05P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray





P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WVA-F-2X01P	-----	5.40
C4255WVA-F-2X02P	4.20	9.60
C4255WVA-F-2X03P	8.40	13.80
C4255WVA-F-2X04P	12.60	18.00
C4255WVA-F-2X05P	16.80	22.20
C4255WVA-F-2X06P	21.00	26.40
C4255WVA-F-2X07P	25.20	30.60
C4255WVA-F-2X08P	29.40	34.80
C4255WVA-F-2X09P	33.60	39.00
C4255WVA-F-2X10P	37.80	43.20
C4255WVA-F-2X11P	42.00	47.40
C4255WVA-F-2X12P	46.20	51.60

Unit:mm

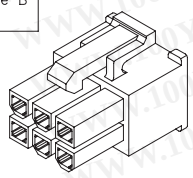
C4255HF-2X03P

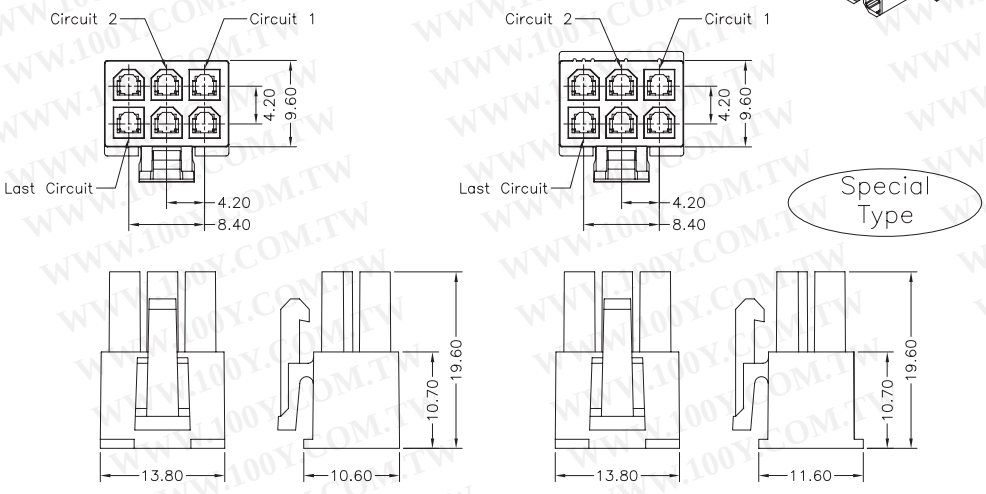
4.20mm pitch Dual Row Housing - Special Type

Reference Informations:

*Material: Nylon 66,UL94V-2,Black
*Suitable H.R C4255F series Terminal
*Mates with H.R C4255HM series dual row Housing or C4255 series dual row Wafer

C4255HF-2X03P N 2 B NP N A0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: A0=Special type A, B0=Special type B
⑦ Packing code: G=Bag





C4255HF-2X03P-A C4255HF-2X03P-B

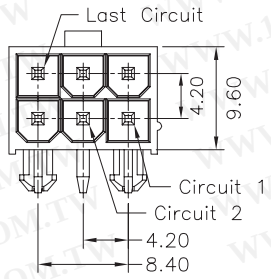
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

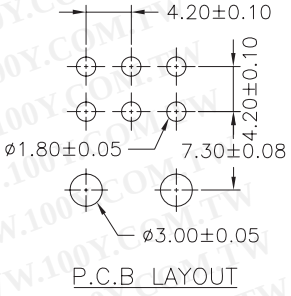
C4255WR-F-2X03PA

4.20mm pitch 90° Dual Row Wafer With Foot - Special Type

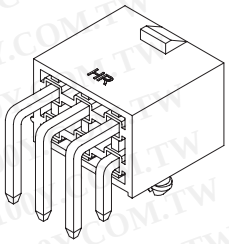
Reference Informations:

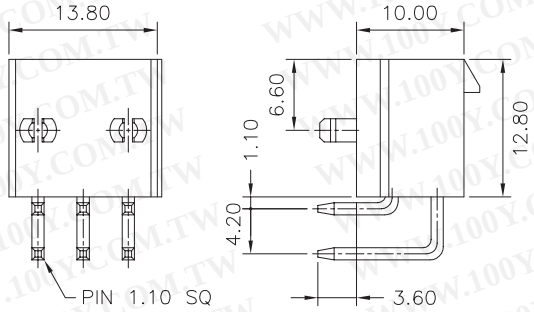
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2,Black
*Mates with H.R C4255HF-2X03P series special type Housing





P.C.B LAYOUT





Special Type

C4255WR-F-2X03P N 2 B T1 N A0 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: A0=Special type A
⑦ Packing code: B=Tray

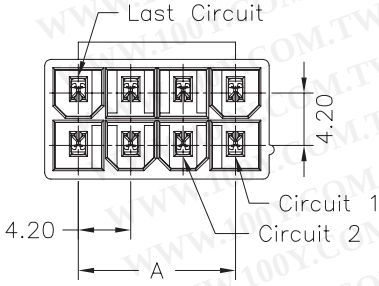
C4255WVA-2

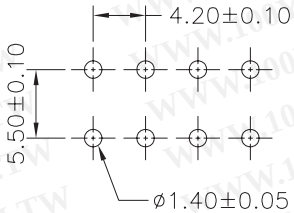
4.20mm pitch 180° Dual Row Wafer - Special Type

Reference Informations:

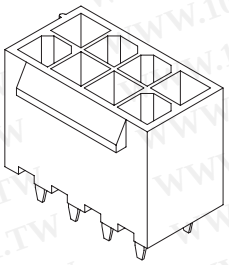
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C4255HF series dual row Housing

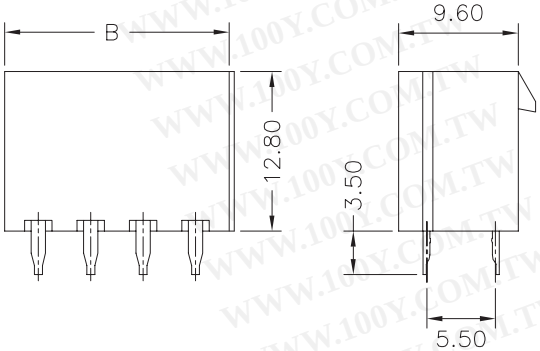
C4255WVA-2X12P N 2 N T1 N S0 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: S0=Special type
⑦ Packing code: B=Tray





P.C.B LAYOUT





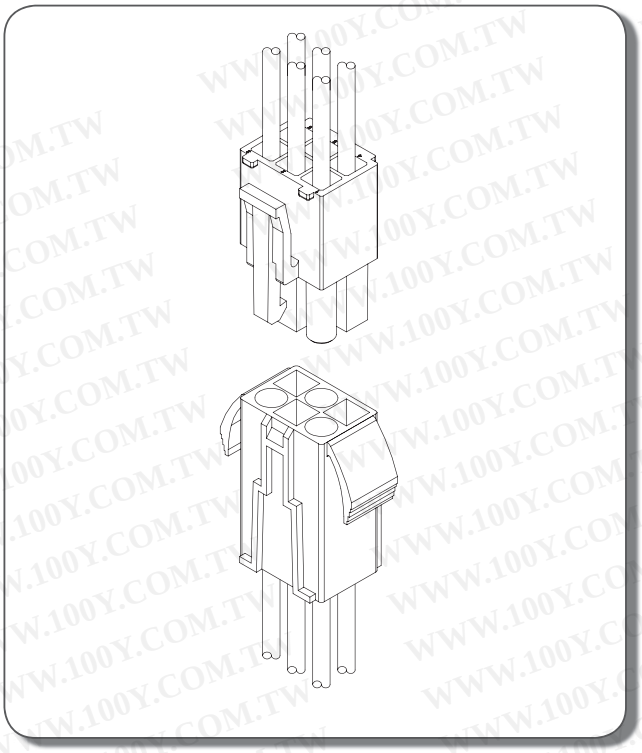
Special Type

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C4255WVA-2X04PS	12.60	18.00
C4255WVA-2X12PS	46.20	51.60

Unit:mm

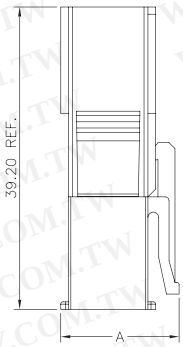
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 10A AC,DC
Voltage rating: 300V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 7mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

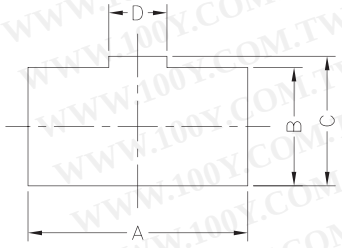
Assembly layout



PART NO.	Dimension A
C4500-02P	10.85
C4500-03P	10.85
C4500-04P	10.85
C4500-2X02P	15.35
C4500-2X03P	15.35
C4500-3X03P	19.85
C4500-3X04P	19.85
C4500-3X05P	19.85

Unit:mm

Panel hole layout



PART NO.	Dimensions			
	A	B	C	D
C4500HM-02P	15.00	6.00	6.85	5.20
C4500HM-03P	19.70	6.00	6.85	5.20
C4500HM-04P	24.20	6.00	6.85	5.20
C4500HM-2X02P	15.60	10.60	11.60	5.20
C4500HM-2X03P	19.70	10.60	11.60	5.20
C4500HM-3X03P	19.70	14.80	15.70	5.20
C4500HM-3X04P	24.20	14.80	15.70	5.20
C4500HM-3X05P	28.70	14.80	15.70	5.20

Unit:mm

Ordering code

❶ ❷ ❸ ❹ ❺ ❻
C4500 F-T B E -H

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating
❻ Option code:
-H=For AWG#16-#20 wire

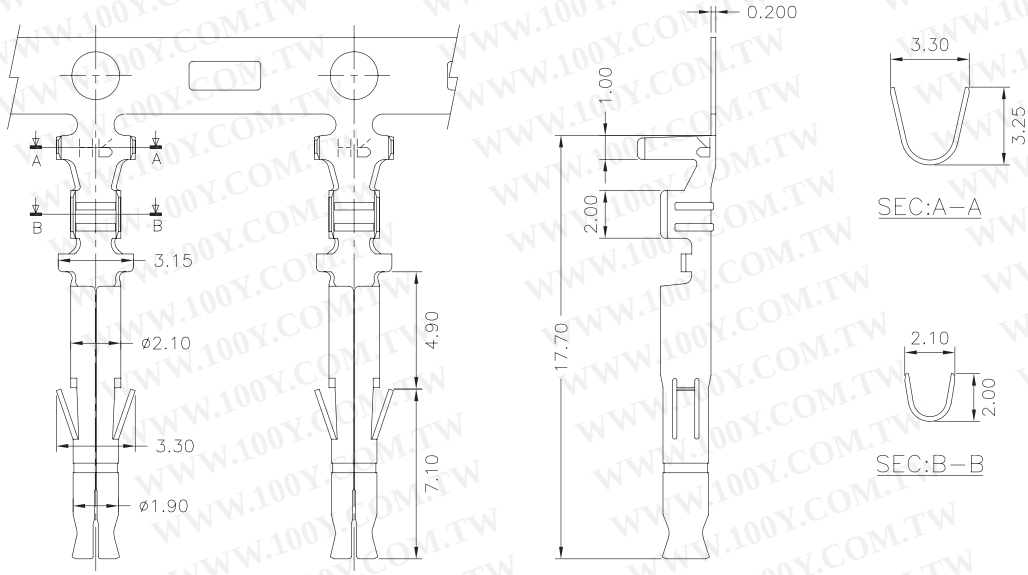
❶ ❷ ❸ ❹ ❺
C4500 HM A-2X 05P

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ Blank=With mounting ears
A=Without mounting ears
❹ Blank=Single row, 2X=Dual row, 3X=Triple row
❺ No. of circuits

C4500F-T 4.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4500HF series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4500F-TBE	AWG#20-#26	2.70mm(max)	Brass	Tin-plated	5,000pcs

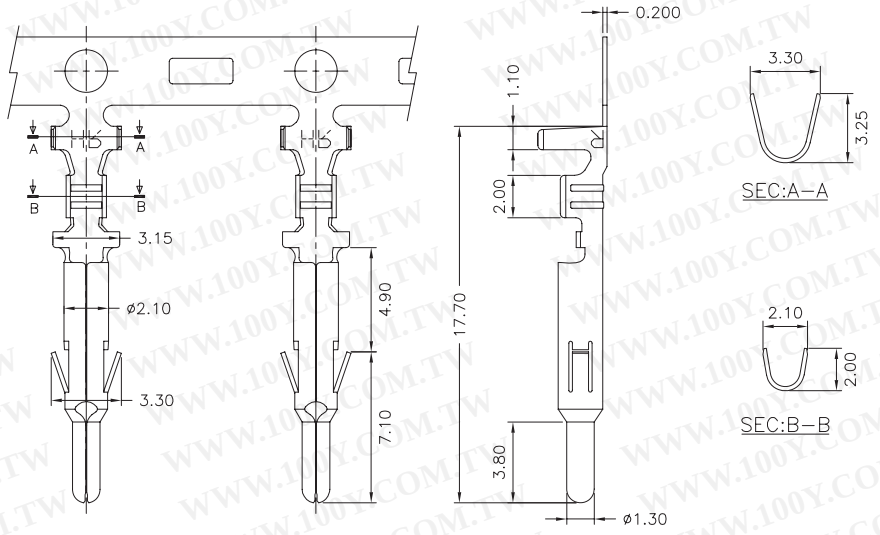
Note:E-Stamping before Tin-plated

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C4500M-T 4.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4500HM series Housing



Ordering Information & Specifications: Unit:mm

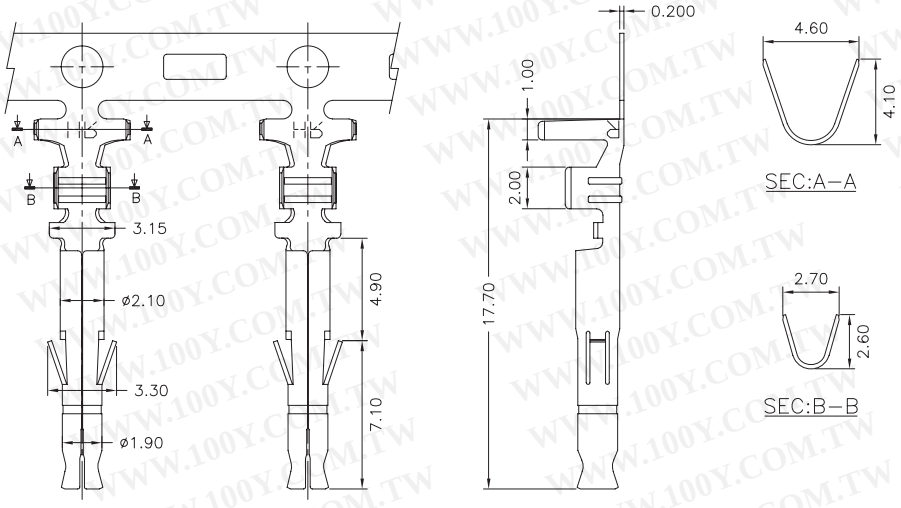
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4500M-TBE	AWG#20-#26	2.70mm(max)	Brass	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

C4500F-T 4.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4500HF series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4500F-TBE-H	AWG#16-#20	3.40mm(max)	Brass	Tin-plated	4,000pcs

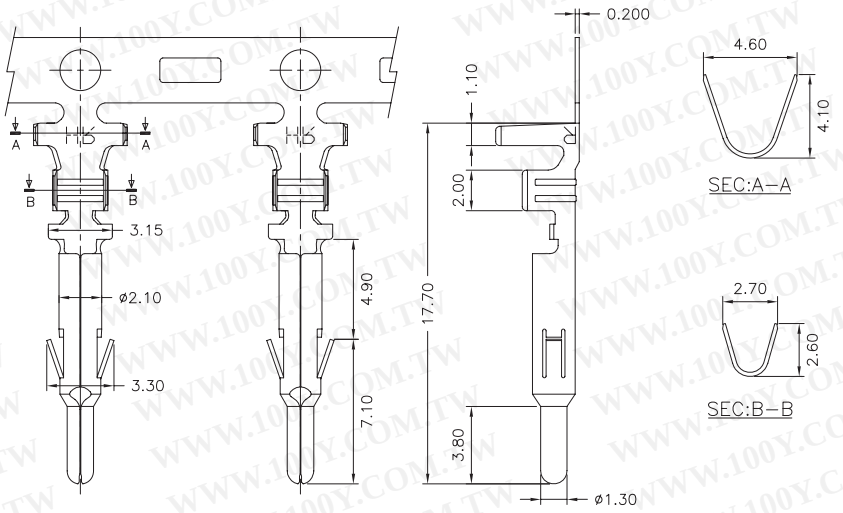
Note:E-Stamping before Tin-plated

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C4500M-T 4.50mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C4500HM series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C4500M-TBE-H	AWG#16-#20	3.40mm(max)	Brass	Tin-plated	4,000pcs

Note:E-Stamping before Tin-plated

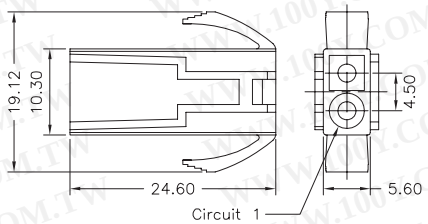
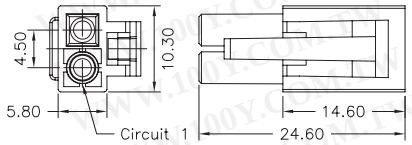
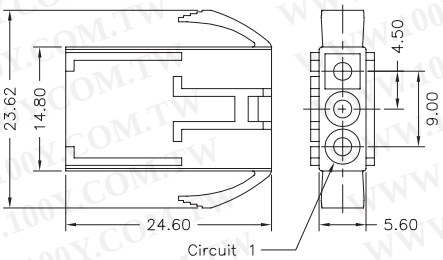
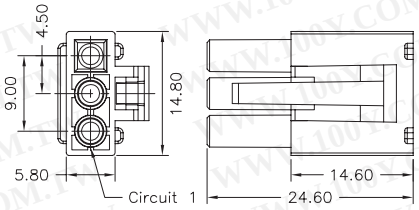
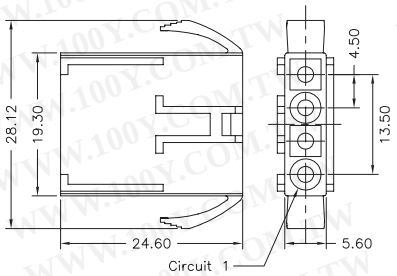
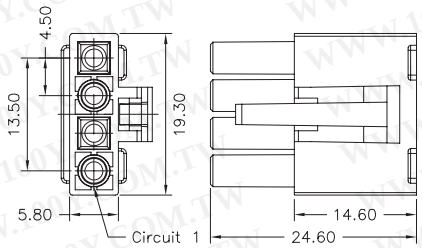
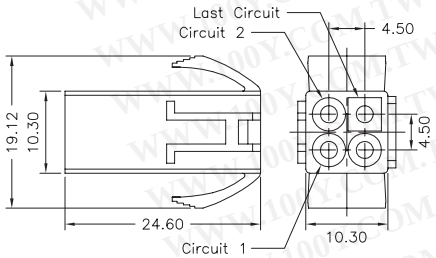
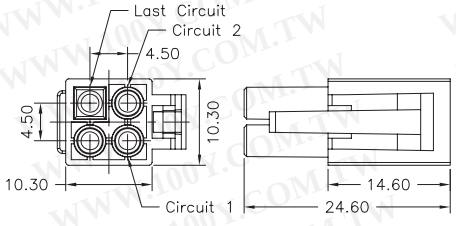
C4500H 4.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0

C4500HMA-2X05P N O W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: O=Nylon 66-V0
③ Color: W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Ordering Information & Dimensions: Unit:mm

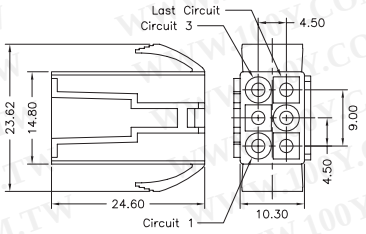
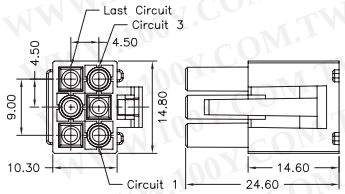
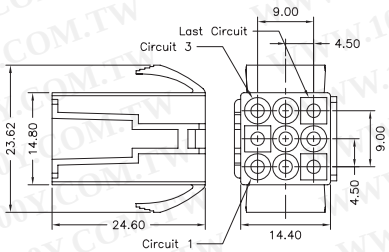
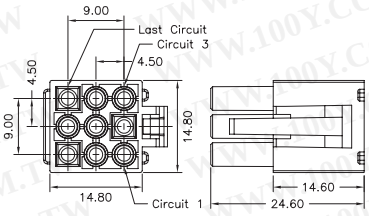
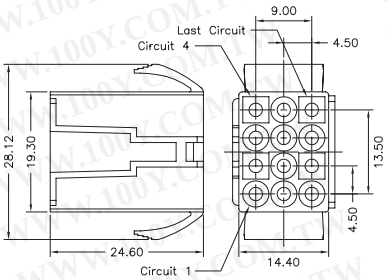
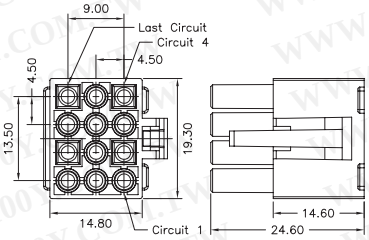
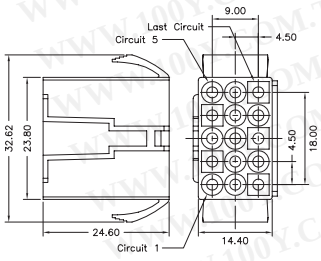
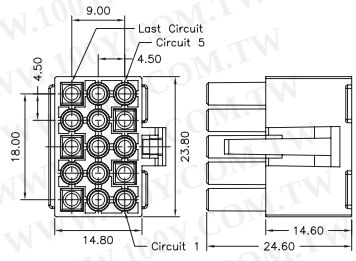
C4500HM(A)	C4500HF
 C4500HM-02P	 C4500HF-02P
 C4500HM-03P	 C4500HF-03P
 C4500HM-04P	 C4500HF-04P
 C4500HM-2X02P	 C4500HF-2X02P

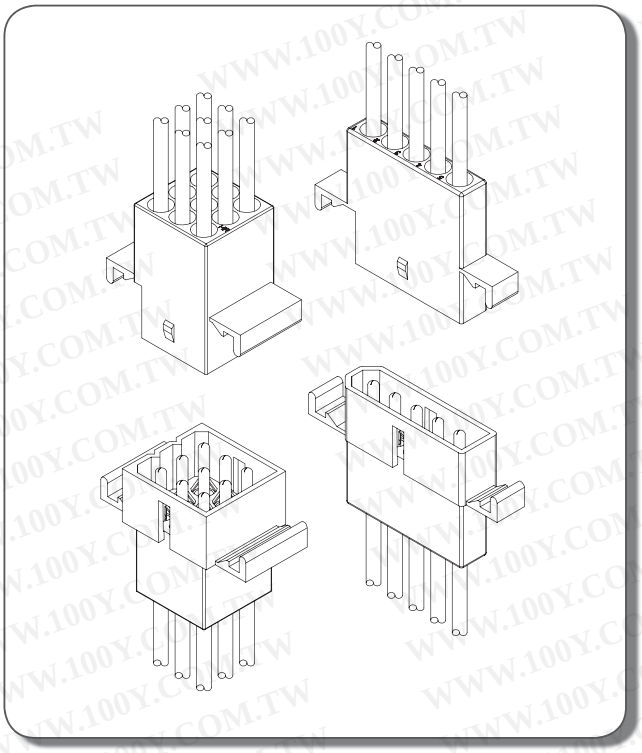
C4500H 4.50mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0

Ordering Information & Dimensions: Unit:mm

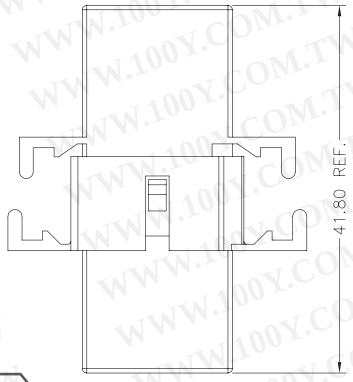
C4500HM(A)	C4500HF
 C4500HM-2X03P	 C4500HF-2X03P
 C4500HM-3X03P	 C4500HF-3X03P
 C4500HM-3X04P	 C4500HF-3X04P
 C4500HM-3X05P	 C4500HF-3X05P



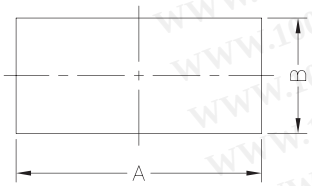
Specifications

Current rating: 12A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Assembly layout



Panel hole layout



PART NO.	Dimensions	
	A	B
C5030HM-02P	20.32	9.53
C5030HM-03P	23.70	9.53
C5030HM-04P	28.73	9.53
C5030HM-05P	33.78	9.53
C5030HM-2X02P	14.10	17.65
C5030HM-3X02P	19.05	17.65
C5030HM-3X03P	23.62	19.30
C5030HM-3X04P	29.34	19.30
C5030HM-3X05P	34.11	19.30

PART NO.	Dimensions	
	A	B
C5030HF-02P	18.42	7.92
C5030HF-03P	21.08	7.92
C5030HF-04P	26.36	7.92
C5030HF-05P	31.24	7.92
C5030HF-2X02P	12.70	15.24
C5030HF-3X02P	18.24	15.24
C5030HF-3X03P	21.03	18.42
C5030HF-3X04P	26.67	18.42
C5030HF-3X05P	31.50	18.42

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

Ordering code

❶ ❷ ❸ ❹ ❺ ❻
C5030 F-T B E -H

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating
❻ Option code:
-H=For AWG#14-#20 wire

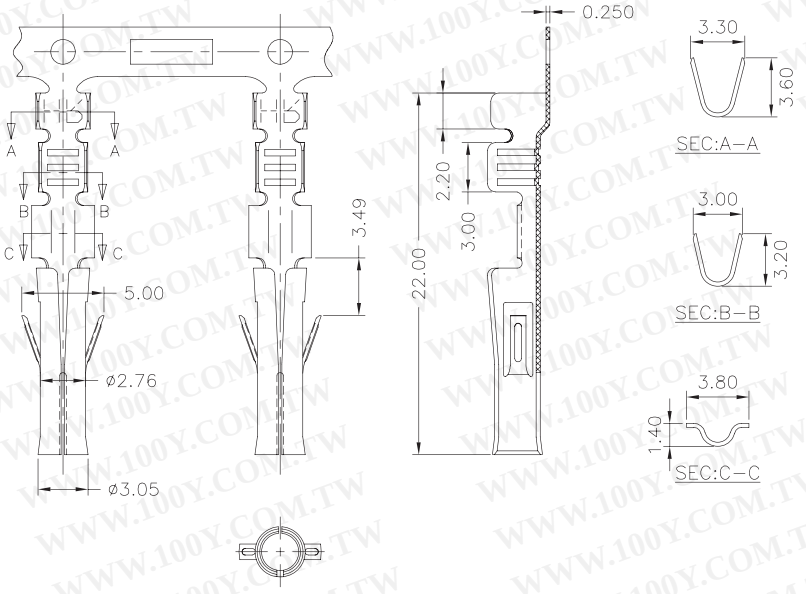
❶ ❷ ❸ ❹ ❺
C5030 HM A-3X 05P

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ Blank=With mounting ears
A=Without mounting ears
❹ Blank=Single row, 2X=Dual row, 3X=Triple row
❺ No. of circuits

C5030F-T 5.03mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5030HF series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5030F-TBE	AWG#18-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs

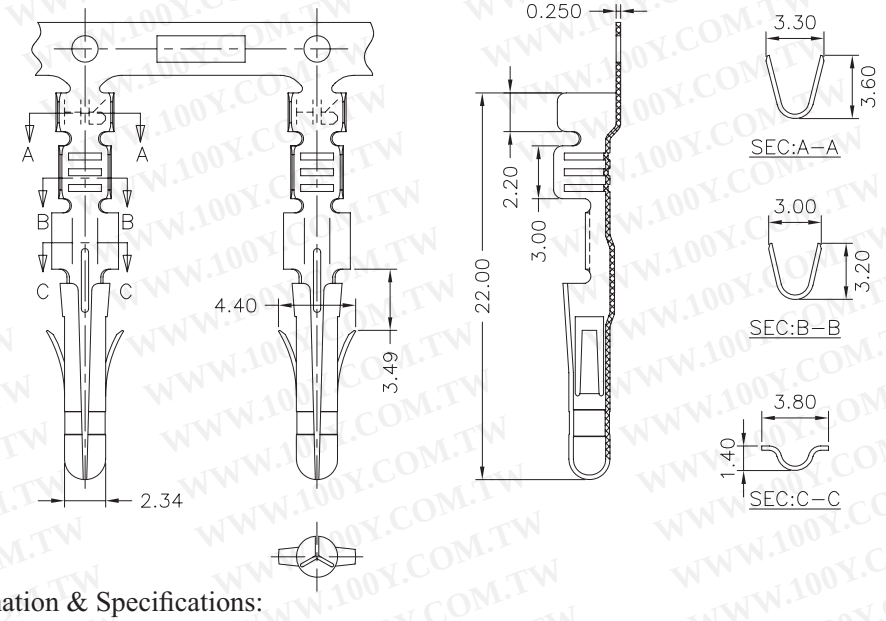
Note:E-Stamping before Tin-plated

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C5030M-T 5.03mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5030HM series Housing



Ordering Information & Specifications: Unit:mm

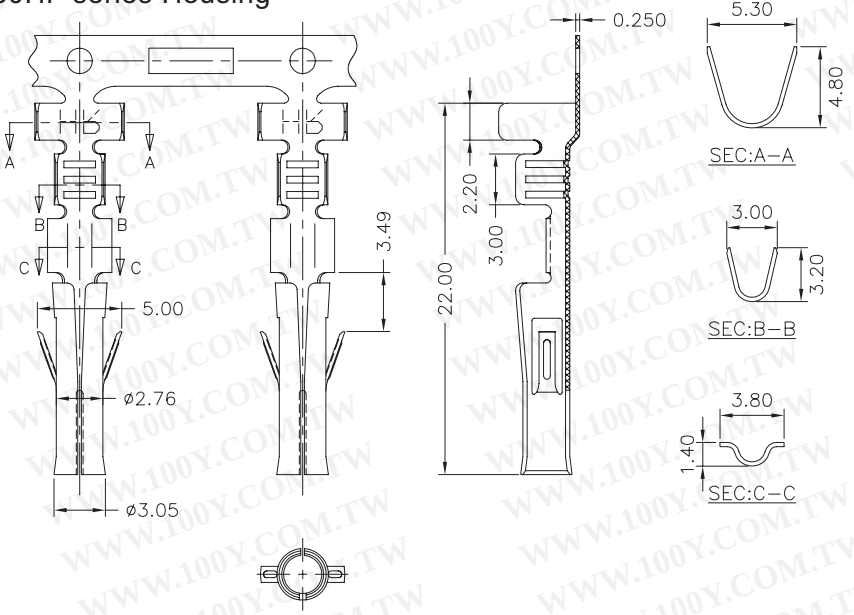
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5030M-TBE	AWG#18-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs

Note:E-Stamping before Tin-plated

C5030F-T 5.03mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5030HF series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5030F-TBE-H	AWG#14-#20	4.10mm(max)	Brass	Tin-plated	4,000pcs

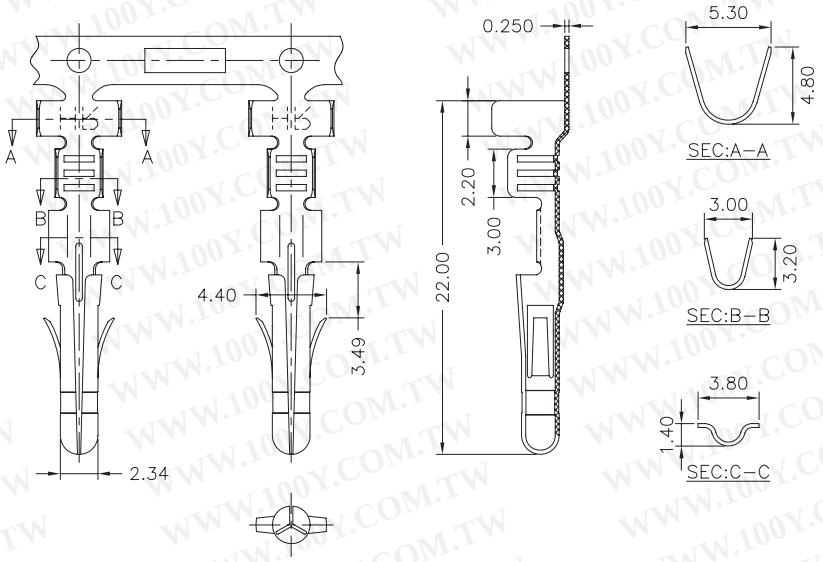
Note:E-Stamping before Tin-plated

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C5030M-T 5.03mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5030HM series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5030M-TBE-H	AWG#14-#20	4.10mm(max)	Brass	Tin-plated	4,000pcs

Note:E-Stamping before Tin-plated

C5030H 5.03mm pitch Crimp Terminal

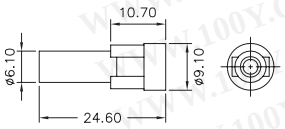
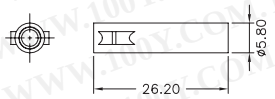
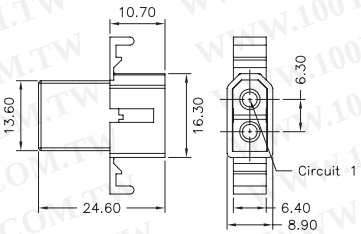
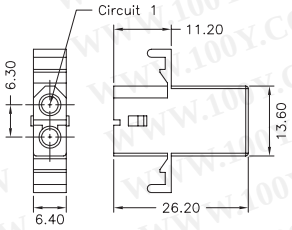
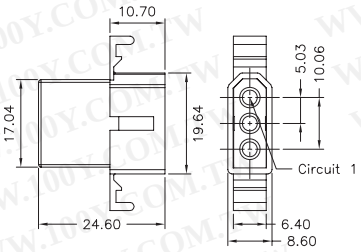
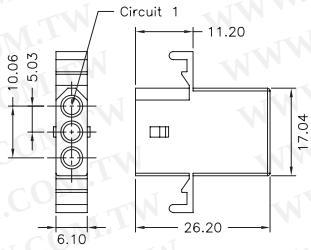
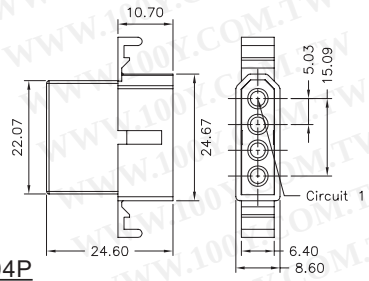
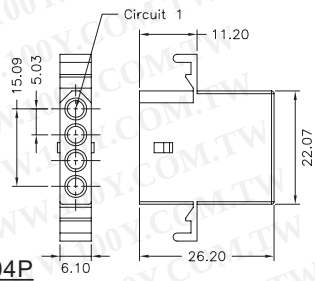
C5030HMA-3X05P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

Reference Informations:

*Material: Nylon 66,UL94V-2

Ordering Information & Dimensions: Unit:mm

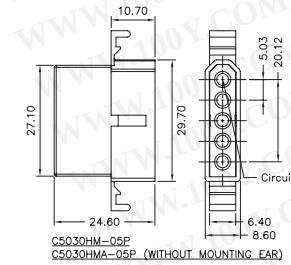
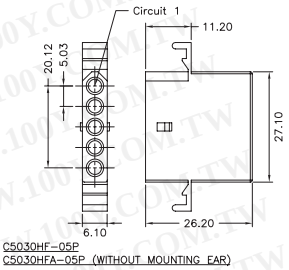
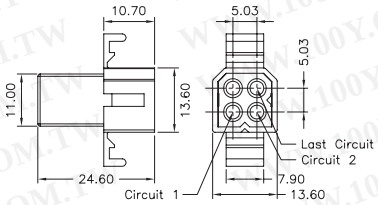
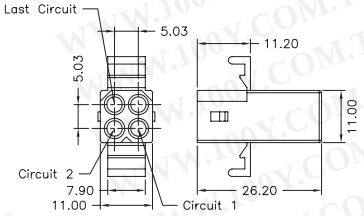
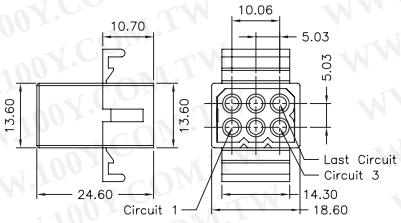
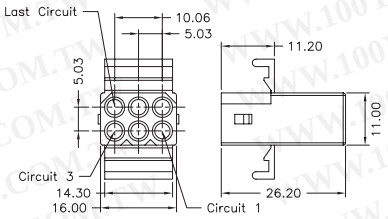
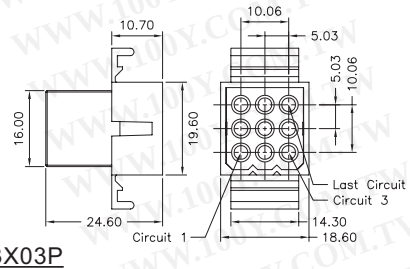
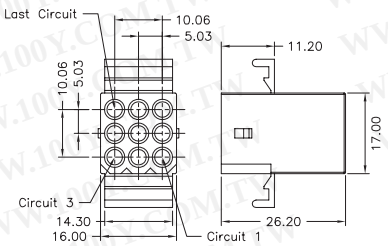
C5030HM(A)	C5030HF(A)
 C5030HM-01P	 C5030HF-01P
 C5030HM-02P C5030HMA-02P(WITHOUT MOUNTING EAR)	 C5030HF-02P C5030HFA-02P(WITHOUT MOUNTING EAR)
 C5030HM-03P C5030HMA-03P(WITHOUT MOUNTING EAR)	 C5030HF-03P C5030HFA-03P(WITHOUT MOUNTING EAR)
 C5030HM-04P C5030HMA-04P(WITHOUT MOUNTING EAR)	 C5030HF-04P C5030HFA-04P(WITHOUT MOUNTING EAR)

C5030H 5.03mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2

Ordering Information & Dimensions: Unit:mm

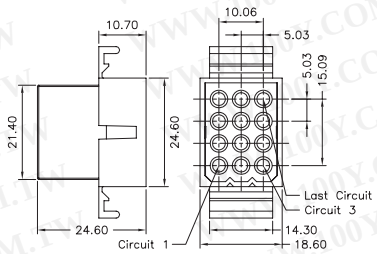
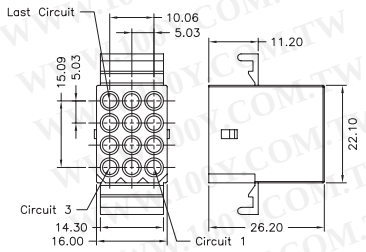
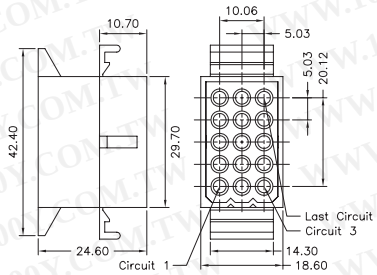
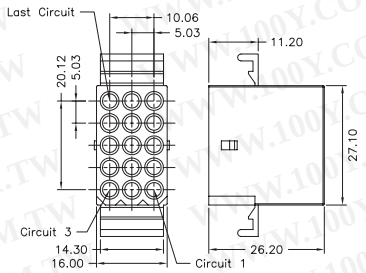
C5030HM(A)	C5030HF(A)
 C5030HM-05P C5030HMA-05P(WITHOUT MOUNTING EAR)	 C5030HF-05P C5030HFA-05P(WITHOUT MOUNTING EAR)
 C5030HM-2X02P C5030HMA-2X02P(WITHOUT MOUNTING EAR)	 C5030HF-2X02P C5030HFA-2X02P(WITHOUT MOUNTING EAR)
 C5030HM-3X02P C5030HMA-3X02P(WITHOUT MOUNTING EAR)	 C5030HF-3X02P C5030HFA-3X02P(WITHOUT MOUNTING EAR)
 C5030HM-3X03P C5030HMA-3X03P(WITHOUT MOUNTING EAR)	 C5030HF-3X03P C5030HFA-3X03P(WITHOUT MOUNTING EAR)

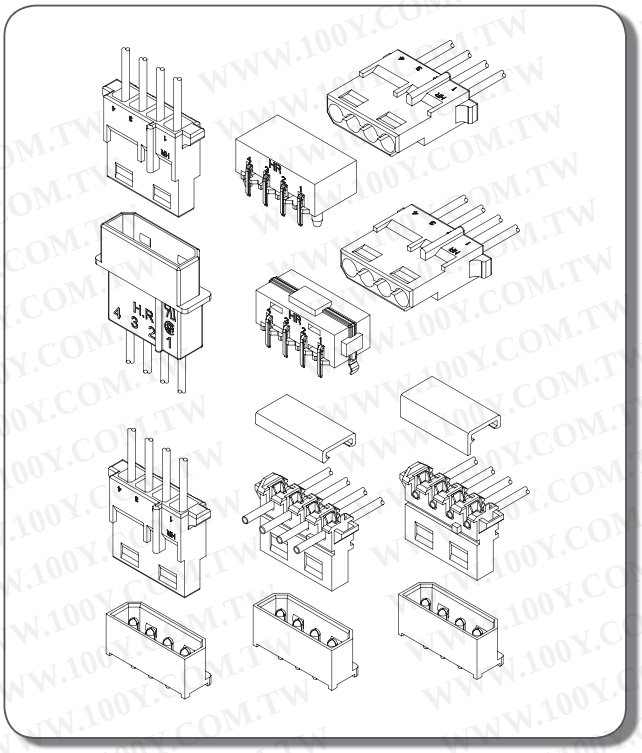
C5030H 5.03mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2

Ordering Information & Dimensions: Unit:mm

C5030HM(A)	C5030HF(A)
	
C5030HM-3X04P C5030HMA-3X04P(WITHOUT MOUNTING EAR)	C5030HF-3X04P C5030HFA-3X04P(WITHOUT MOUNTING EAR)
	
C5030HM-3X05P C5030HMA-3X05P(WITHOUT MOUNTING EAR)	C5030HF-3X05P C5030HFA-3X05P(WITHOUT MOUNTING EAR)



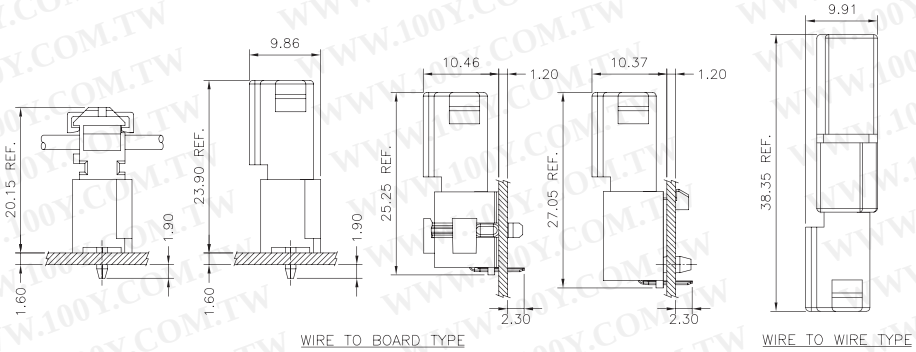
Specifications

Current rating: 10A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987 LR113464 R 3-50004394

Assembly layout



Ordering Code

❶ ❷ ❸ ❹ ❺ ❻
C5080 F - T B E -H

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating
❻ Option code: -H=For AWG#14-#20 wire

❶ ❷ ❸ ❹
C5080 HI - 04P -18

❶ Series No.
❷ Housing type: HF=Receptacle, HM=Plug,
HI=I.D.C. Connector
❸ No. of circuits
❹ Option code: -18=For AWG#18 wire, ...

❶ ❷ ❸ ❹ ❺
C5080 WR -F - 04P R

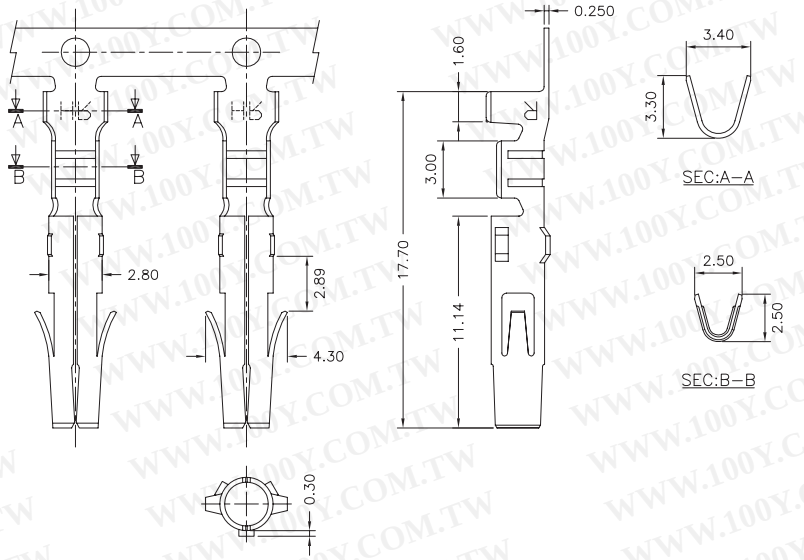
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Blank=Normal type
-F=With Peg
❹ No. of circuits
❺ Option code:
R=Reverse type

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C5080F-T 5.08mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5080HF series Housing



Ordering Information & Specifications: Unit:mm

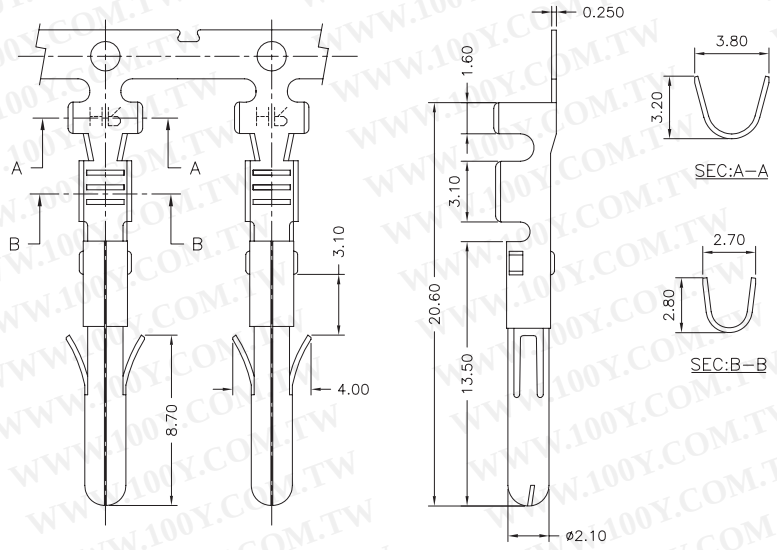
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5080F-TBE	AWG#18-#24	2.50mm(max)	Brass	Tin-plated	7,000pcs

Note:E-Stamping before Tin-plated

C5080M-T 5.08mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5080HM series Housing



Ordering Information & Specifications: Unit:mm

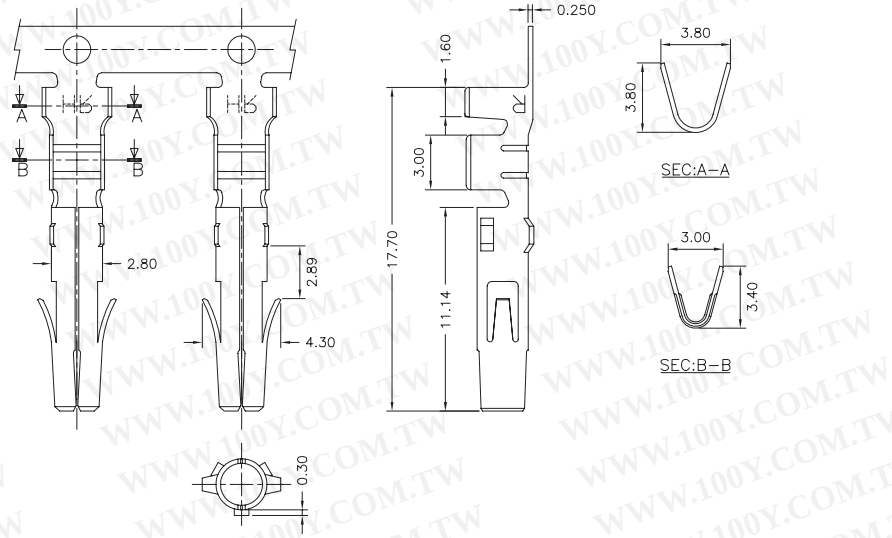
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5080M-TBE	AWG#18-#24	2.50mm(max)	Brass	Tin-plated	7,000pcs

Note:E-Stamping before Tin-plated

C5080F-T 5.08mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C5080HF series Housing



Ordering Information & Specifications: Unit:mm

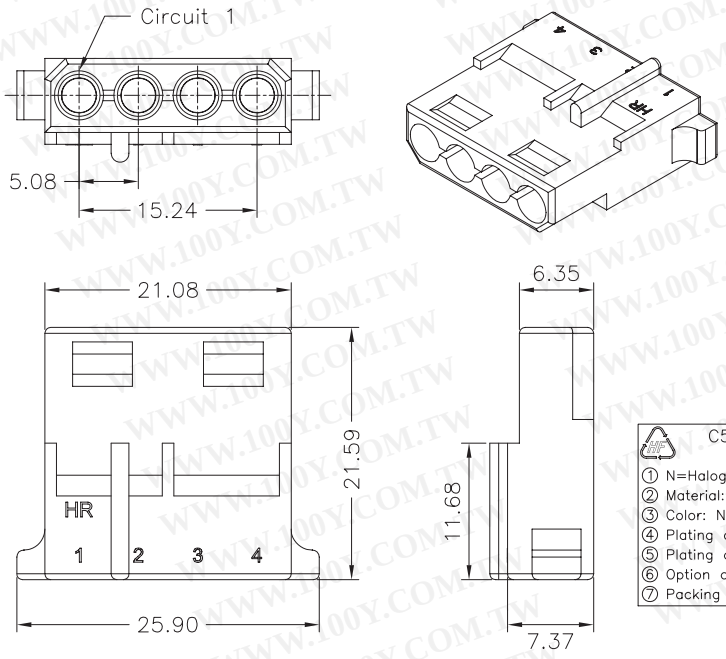
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5080F-TBE-H	AWG#14-#20	3.30mm(max)	Brass	Tin-plated	7,000pcs

Note:E-Stamping before Tin-plated

C5080HF-04P 5.08mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C5080F series Terminal
*Mates with H.R C5080HM series Housing or C5080 series Wafer



C5080HF-04P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

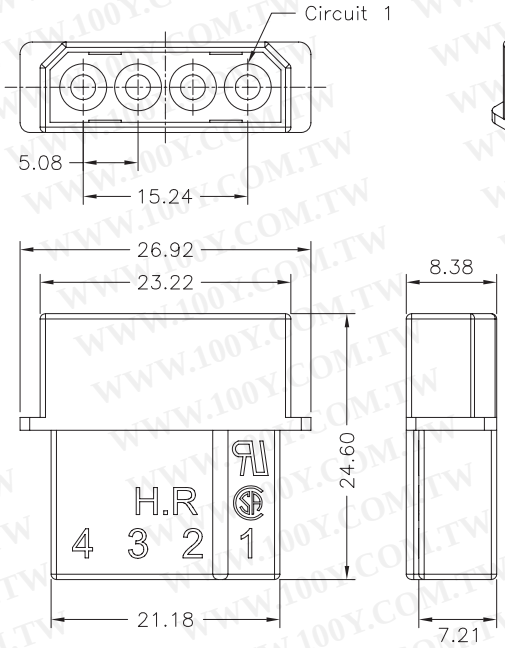
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

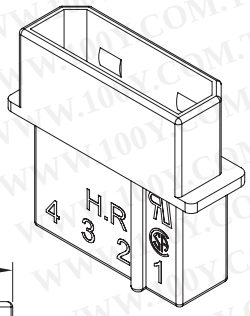
C5080HM-04P

5.08mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C5080M series Terminal
*Mates with H.R C5080HF series Housing or C5080HI series I.D.C. Connector





C5080HM-04P N 2 N NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 2=Nylon 66-V2, 0=Nylon 66-V0
③ Color: N=Natural(Translucent), W=White
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag

C5080HI-04P

5.08mm pitch Insulation Displacement Connector

Reference Informations:

*Material: Terminal: Phosphor Bronze/Tin-plated
Housing: Nylon 66,UL94V-2
Cap: Nylon 66,UL94V-2
*Mates with H.R C5080HM series Housing or C5080 series Wafer

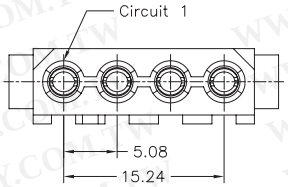
C5080HI-04P N 2 N NP N C0 G
① ② ③ ④ ⑤ ⑥ ⑦

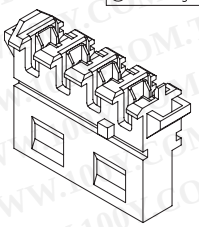
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: C0=Through type, CA=End type
⑦ Packing code: G=Bag

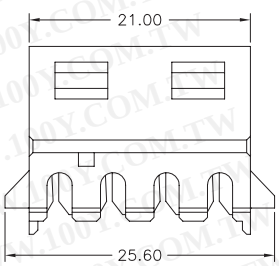
Ordering Information:
C5080HI-04P-＊
1 2
1.Part No.
2.AWG of Wire:
16-AWG#16
18-AWG#18
20-AWG#20
22-AWG#22

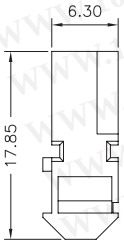
C5080HI-04P N 2 N T1 N 18 G
① ② ③ ④ ⑤ ⑥ ⑦

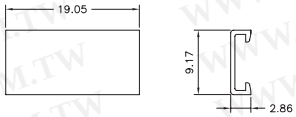
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 16=AWG#16, 18=AWG#18, 20=AWG#20, 22=AWG#22
⑦ Packing code: G=Bag



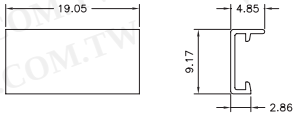








C5080HI-C(Through type)



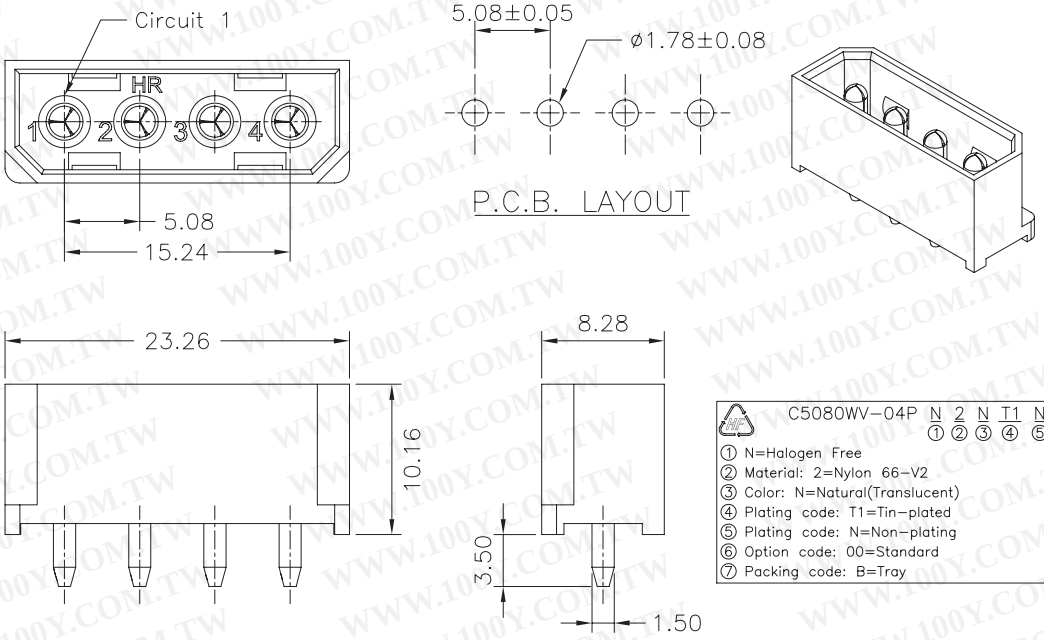
C5080HI-CA(End type)

C5080WV-04P

5.08mm pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C5080HF series Housing or C5080HI series I.D.C. Connector



C5080WV-04P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦

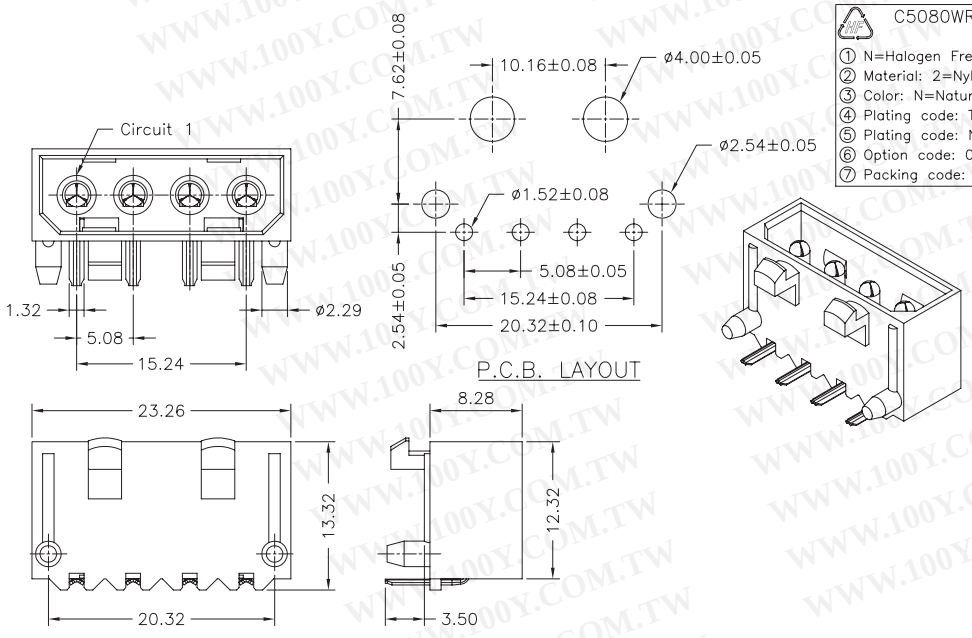
① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray

C5080WR-F-04P

5.08mm pitch 90° Wafer With Peg

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-2
*Mates with H.R C5080HF series Housing or C5080HI series I.D.C. Connector



C5080WR-F-04P N 2 N T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: 2=Nylon 66-V2
③ Color: N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray

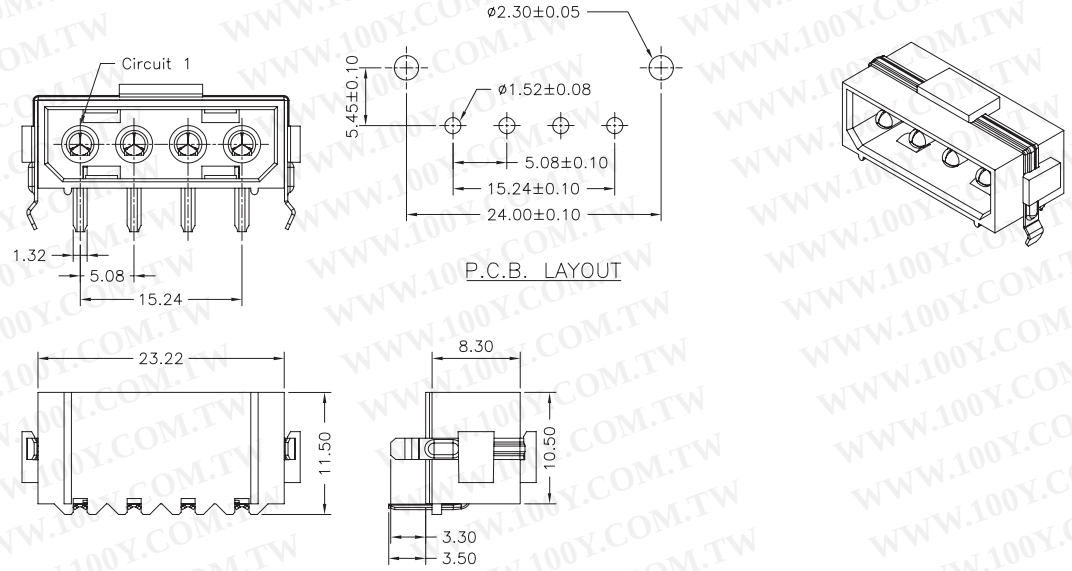
C5080WR-04P

5.08mm pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin-plated
Metal Band: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R C5080HF series Housing or C5080HI series I.D.C. Connector

C5080WR-04P N 6 B T1 T 00 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: B=Tray



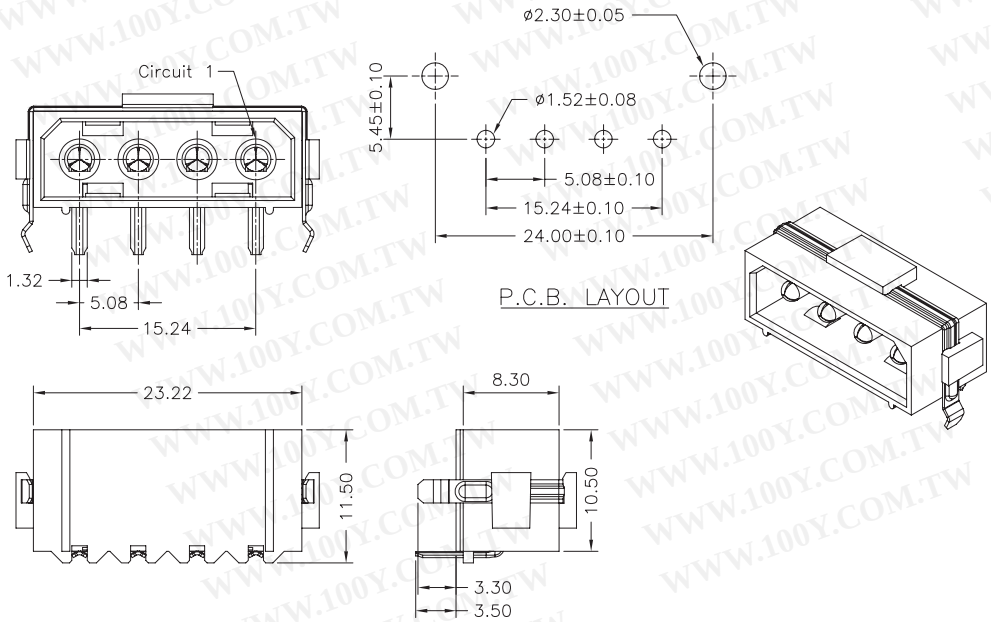
C5080WR-04PR

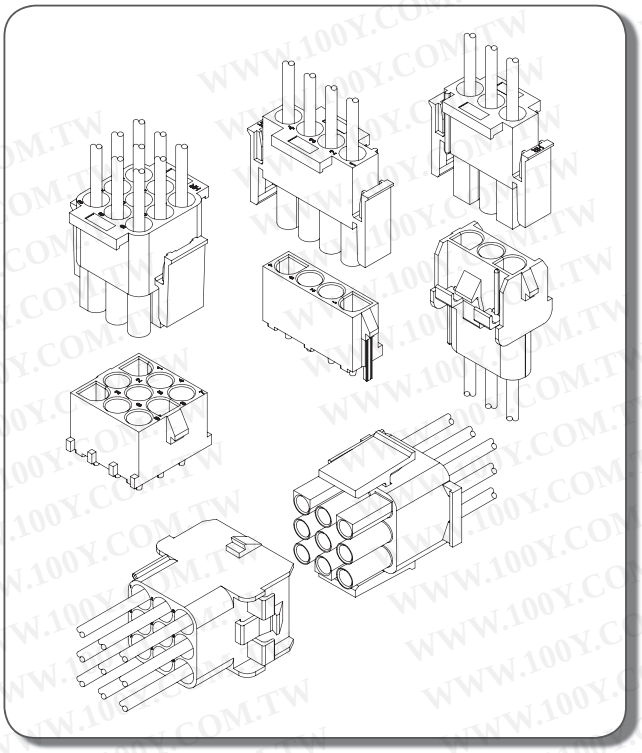
5.08mm pitch 90° Wafer - Reverse Type

Reference Informations:

*Material: Pin: Brass/Tin-plated
Metal Band: Brass/Tin-plated
Wafer: Nylon 6T,UL94V-0
*Mates with H.R C5080HF series Housing or C5080HI series I.D.C. Connector

C5080WR-04P N 6 B T1 T R0 B
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 6=Nylon 6T
③ Color: B=Black
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: R0=Reverse type
⑦ Packing code: B=Tray

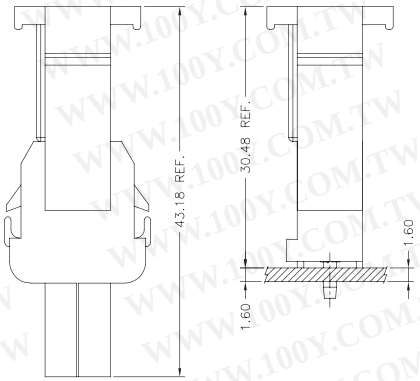




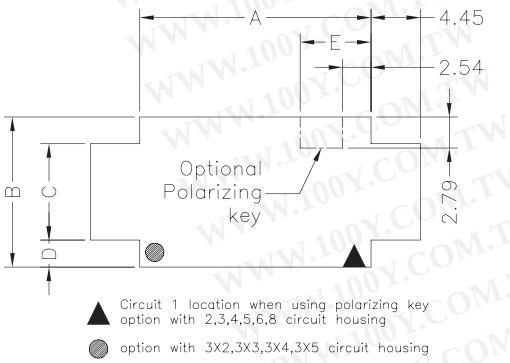
Specifications

Current rating: 15A AC,DC
Voltage rating: 600V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 3.5mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 5000V AC/minute
Contact H.R for details

Assembly layout



Panel hole layout



PART NO.	Dimensions				
	A	B	C	D	E
C6350HM-02P	14.35	13.46	8.64	2.41	6.35
C6350HM-03P	20.70	13.46	8.64	2.41	6.35
C6350HM-04P	27.05	13.46	8.64	2.41	6.35
C6350HM-05P	33.40	13.46	8.64	2.41	6.35
C6350HM-06P	39.75	13.46	8.64	2.41	6.35
C6350HM-08P	52.45	13.46	8.64	2.41	6.35
C6350HM-3X02P	14.35	26.16	12.19	6.99	6.35
C6350HM-3X03P	20.70	26.16	12.19	6.99	6.35
C6350HM-3X04P	27.05	26.16	12.19	6.99	8.89
C6350HM-3X05P	33.40	26.16	12.19	6.99	8.89

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

Ordering code

❶ ❷ ❸ ❹ ❺
C6350 F – T B E

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass
❺ E=Stamping before plating

❶ ❷ ❸ ❹ ❺
C6350 HF – 3X 05P -V2

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ Blank=Single row, 3X=Triple row
❹ No. of circuits
❺ Option code:
-V0=UL94V-0
-V2=UL94V-2

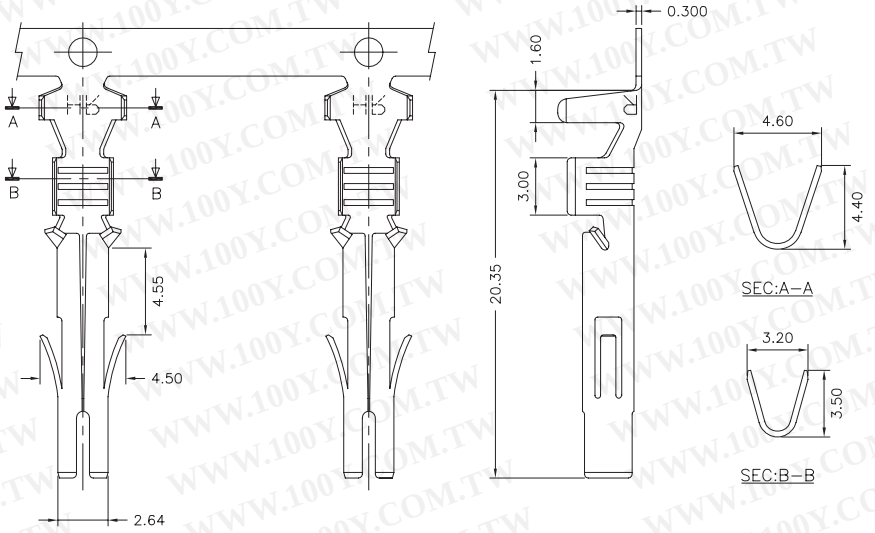
❶ ❷ ❸ ❹ ❺ ❻
C6350 WV -F – 3X 05P MV2

❶ Series No.
❷ Connector type: WV=Vertical
❸ Blank=Normal type
-F=With boss
❹ Blank=Single row, 3X=Triple row
❺ No. of circuits
❻ Option code:
MV0=UL94V-0, Male type
MV2=UL94V-2, Male type
FV0=UL94V-0, Female type
FV2=UL94V-2, Female type

C6350F-T 6.35mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C6350HF or C6350HM series Housing



Ordering Information & Specifications: Unit:mm

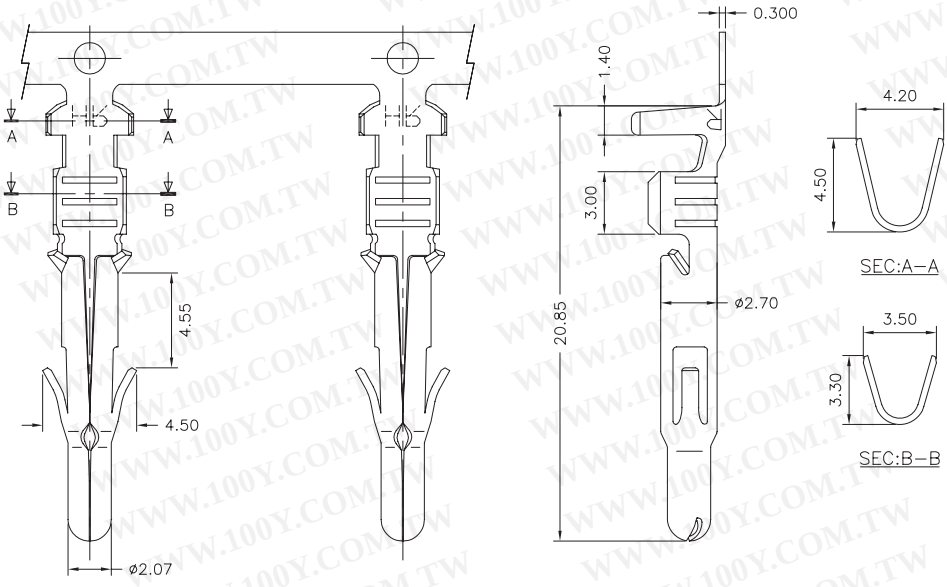
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C6350F-TBE	AWG#14-#20	3.30mm(max)	Brass	Tin-plated	4,000pcs

Note:E-Stamping before Tin-plated

C6350M-T 6.35mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C6350HF or C6350HM series Housing



Ordering Information & Specifications: Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C6350M-TBE	AWG#14-#20	3.30mm(max)	Brass	Tin-plated	4,000pcs

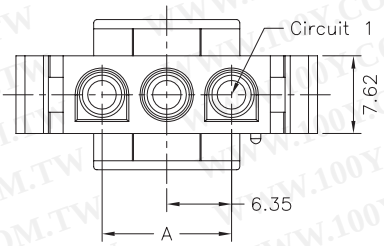
Note:E-Stamping before Tin-plated

C6350HF 6.35mm pitch Single Row Housing

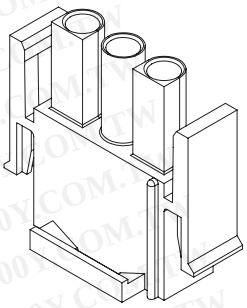
Reference Informations:

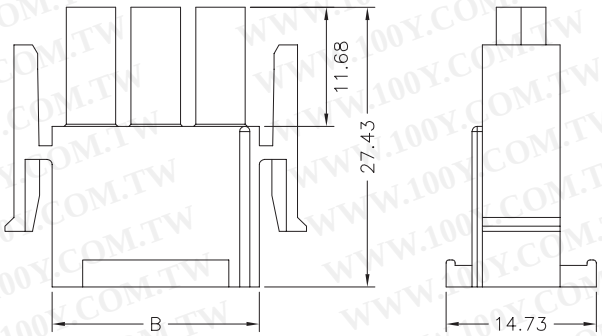
*Material: Nylon 66,UL94V-0 or UL94V-2
*Suitable H.R C6350F or C6350M series Terminal
*Mates with H.R C6350HM series single row Housing or C6350 series single row Wafer

C6350HF−05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66−V0, 2=Nylon 66−V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: NP=Non−plating
⑤ Plating code: N=Non−plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information:
C6350HF-XP-＊
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350HF-02P	6.35	13.97
C6350HF-03P	12.70	20.32
C6350HF-04P	19.05	26.67
C6350HF-05P	25.40	33.02
C6350HF-06P	31.75	39.37
C6350HF-08P	44.45	52.07

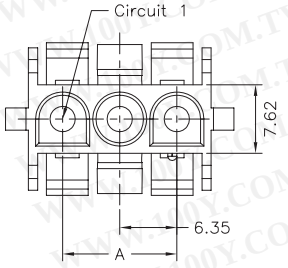
Unit:mm

C6350HM 6.35mm pitch Single Row Housing

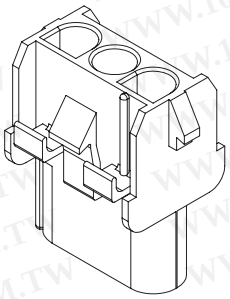
Reference Informations:

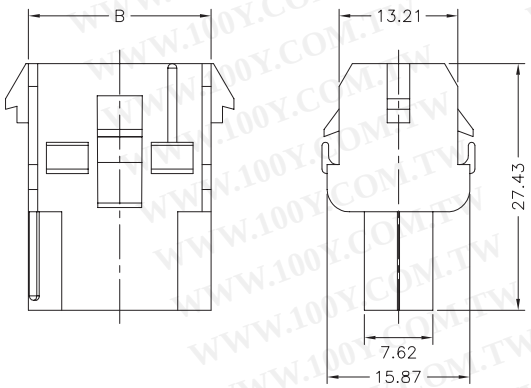
*Material: Nylon 66,UL94V-0 or UL94V-2
*Suitable H.R C6350M or C6350F series Terminal
*Mates with H.R C6350HF series single row Housing

C6350HM−05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66−V0, 2=Nylon 66−V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: NP=Non−plating
⑤ Plating code: N=Non−plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information:
C6350HM-XP-＊
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350HM-02P	6.35	13.97
C6350HM-03P	12.70	20.32
C6350HM-04P	19.05	26.67
C6350HM-05P	25.40	33.02
C6350HM-06P	31.75	39.37
C6350HM-08P	44.45	52.07

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

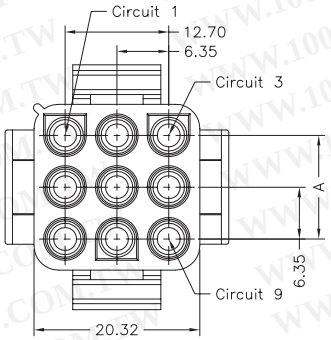
C6350HF-3

6.35mm pitch Triple Row Housing

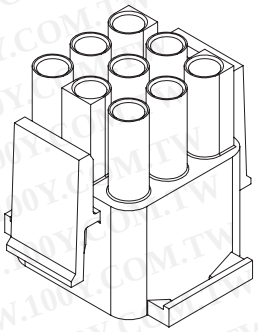
Reference Informations:

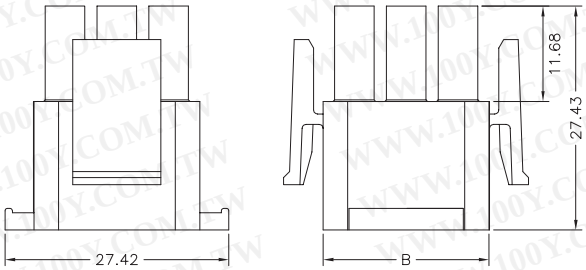
*Material: Nylon 66,UL94V-0 or UL94V-2
*Suitable H.R C6350F or C6350M series Terminal
*Mates with H.R C6350HM series triple row Housing or C6350 series triple row Wafer

C6350HF-3X05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information:
C6350HF-3XNP-＊
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350HF-3X02P	6.35	13.97
C6350HF-3X03P	12.70	20.32
C6350HF-3X04P	19.05	26.67
C6350HF-3X05P	25.40	33.02

Unit:mm

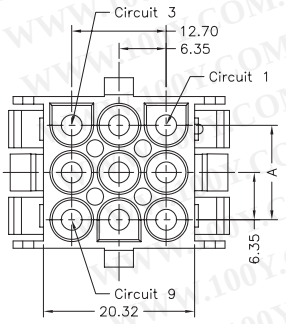
C6350HM-3

6.35mm pitch Triple Row Housing

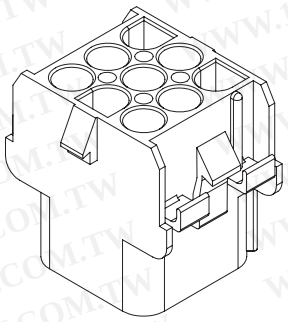
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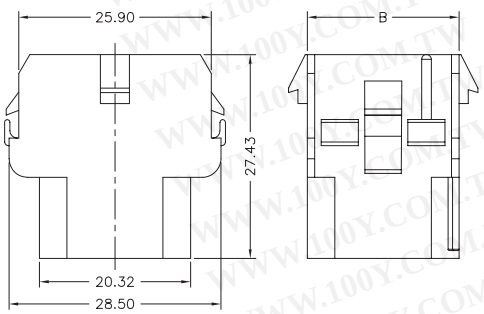
*Material: Nylon 66,UL94V-0 or UL94V-2
*Suitable H.R C6350M or C6350F series Terminal
*Mates with H.R C6350HF series triple row Housing

C6350HM-3X05P N 0 W NP N 00 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: 00=Standard
⑦ Packing code: G=Bag



Ordering Information:
C6350HM-3XNP-＊
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350HM-3X02P	6.35	14.05
C6350HM-3X03P	12.70	20.40
C6350HM-3X04P	19.05	26.75
C6350HM-3X05P	25.40	33.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

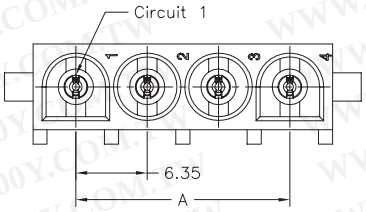
C6350WV

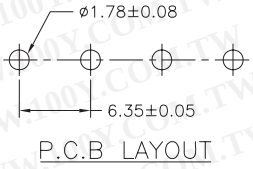
6.35mm pitch 180° Single Row Wafer - Male Type

Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series single row Housing

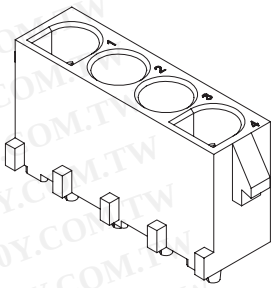
C6350WV-05P N 0 W T1 N M0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: M0=Male pin
⑦ Packing code: G=Bag

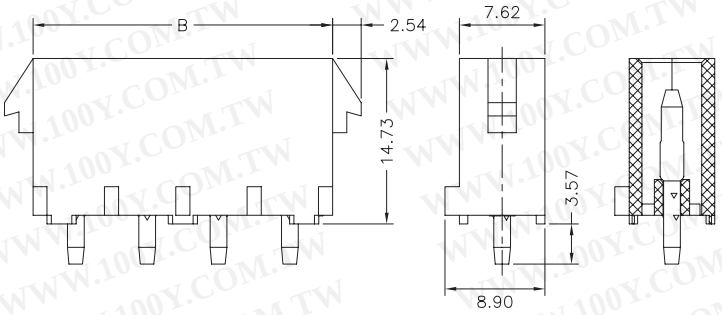




P.C.B LAYOUT

Ordering Information:
C6350WV-XPM *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-02PM	6.35	13.97
C6350WV-03PM	12.70	20.32
C6350WV-04PM	19.05	26.67
C6350WV-05PM	25.40	33.02
C6350WV-06PM	31.75	39.37
C6350WV-08PM	44.45	52.07

Unit:mm

C6350WV-F

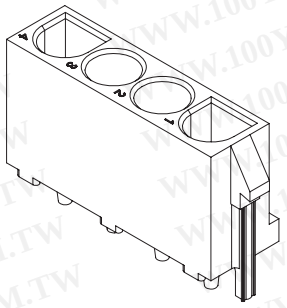
6.35mm pitch 180° Single Row Wafer With Polarizing Peg - Male Type

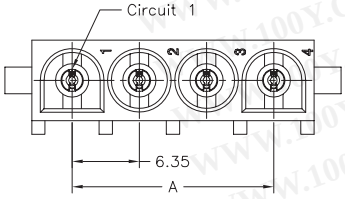
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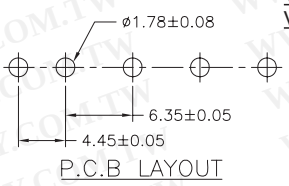
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series single row Housing

C6350WV-F-05P N 0 W T1 N M0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: M0=Male pin
⑦ Packing code: G=Bag

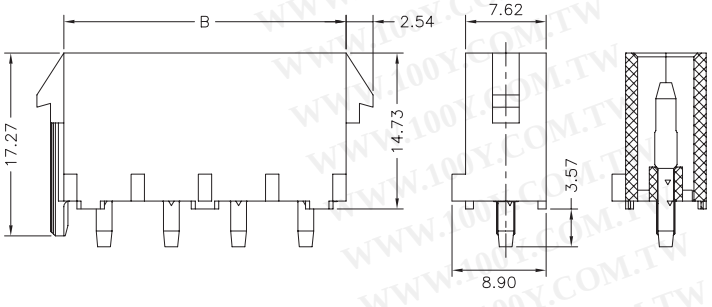
Ordering Information:
C6350WV-F-XPM *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2







P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-F-02PM	6.35	13.97
C6350WV-F-03PM	12.70	20.32
C6350WV-F-04PM	19.05	26.67
C6350WV-F-05PM	25.40	33.02
C6350WV-F-06PM	31.75	39.37
C6350WV-F-08PM	44.45	52.07

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

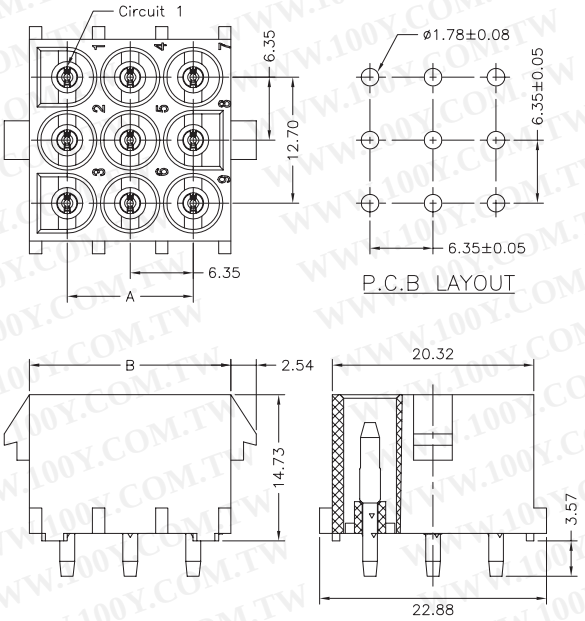
C6350WV-3

6.35mm pitch 180° Triple Row Wafer - Male Type

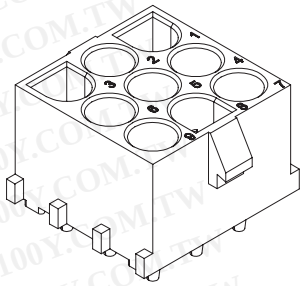
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series triple row Housing

C6350WV-3X05P N 0 W T1 N M0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: M0=Male pin
⑦ Packing code: G=Bag



Ordering Information:
C6350WV-3XNPM *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-3X02PM	6.35	13.97
C6350WV-3X03PM	12.70	20.32
C6350WV-3X04PM	19.05	26.67
C6350WV-3X05PM	25.40	33.02

Unit:mm

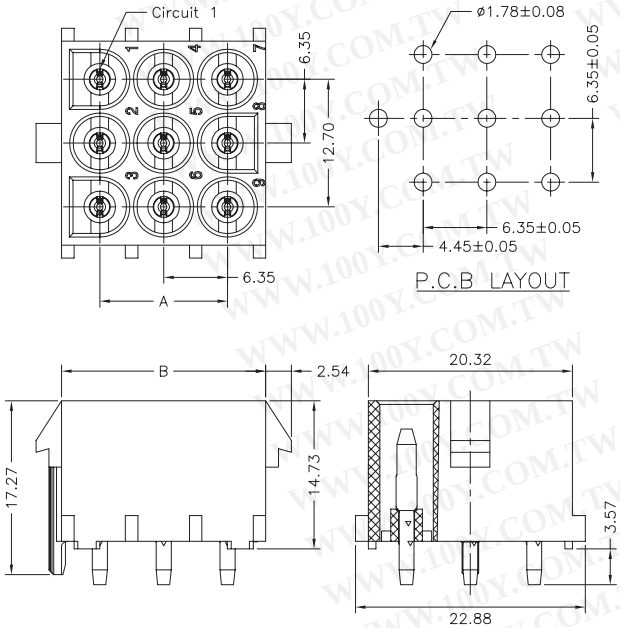
C6350WV-F-3

6.35mm pitch 180° Triple Row Wafer With Polarizing Peg - Male Type

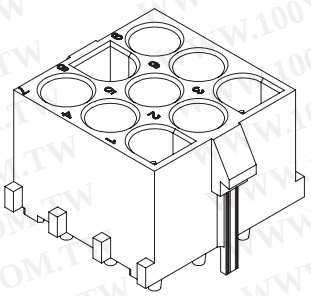
Reference Informations:

*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series triple row Housing

C6350WV-F-3X05P N 0 W T1 N M0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: M0=Male pin
⑦ Packing code: G=Bag



Ordering Information:
C6350WV-F-3XNPM *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-F-3X02PM	6.35	13.97
C6350WV-F-3X03PM	12.70	20.32
C6350WV-F-3X04PM	19.05	26.67
C6350WV-F-3X05PM	25.40	33.02

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

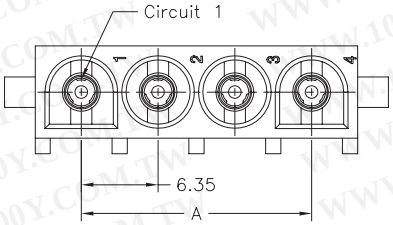
C6350WV

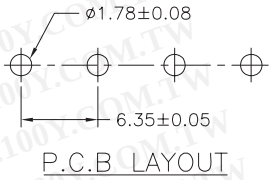
6.35mm pitch 180° Single Row Wafer - Female Type

Reference Informations:

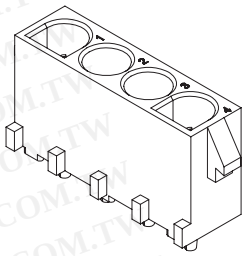
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series single row Housing

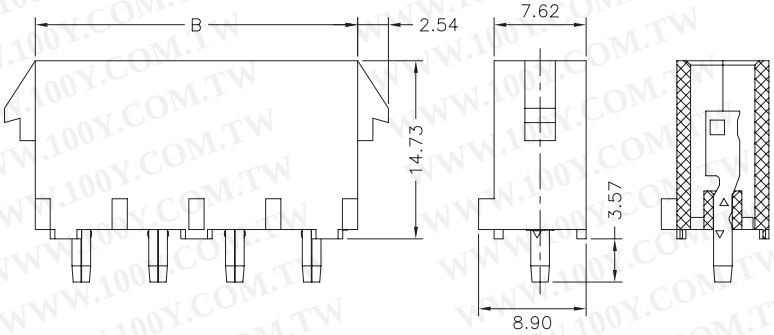
C6350WV-05P N 0 W T1 N F0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: F0=Female pin
⑦ Packing code: G=Bag





Ordering Information:
C6350WV-XPF *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-02PF	6.35	13.97
C6350WV-03PF	12.70	20.32
C6350WV-04PF	19.05	26.67
C6350WV-05PF	25.40	33.02
C6350WV-06PF	31.75	39.37
C6350WV-08PF	44.45	52.07

Unit:mm

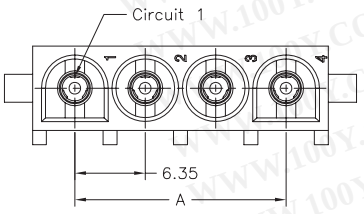
C6350WV-F

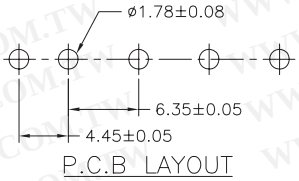
6.35mm pitch 180° Single Row Wafer With Polarizing Peg - Female Type

Reference Informations:

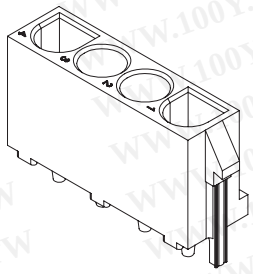
Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series single row Housing

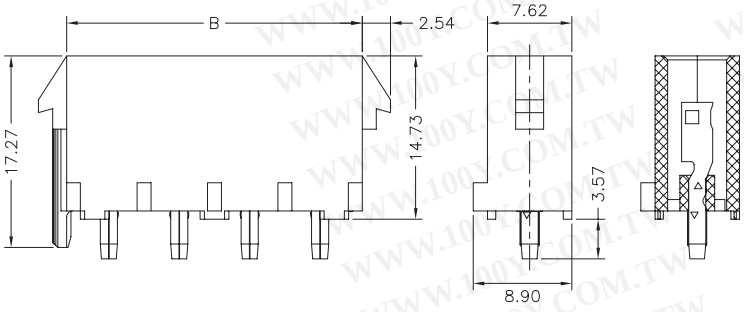
C6350WV-F-05P N 0 W T1 N F0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: F0=Female pin
⑦ Packing code: G=Bag





Ordering Information:
C6350WV-F-XPF *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-F-02PF	6.35	13.97
C6350WV-F-03PF	12.70	20.32
C6350WV-F-04PF	19.05	26.67
C6350WV-F-05PF	25.40	33.02
C6350WV-F-06PF	31.75	39.37
C6350WV-F-08PF	44.45	52.07

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

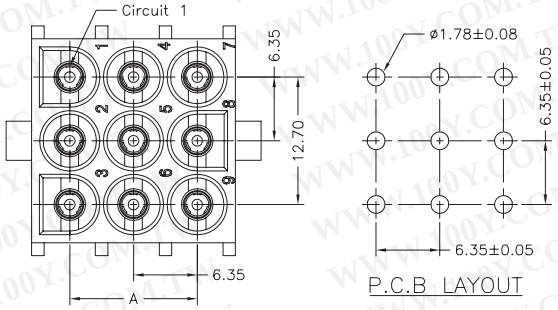
C6350WV-3

6.35mm pitch 180° Triple Row Wafer - Female Type

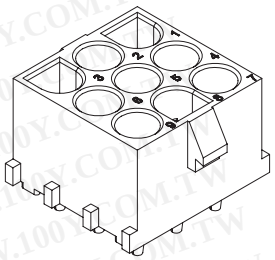
Reference Informations:

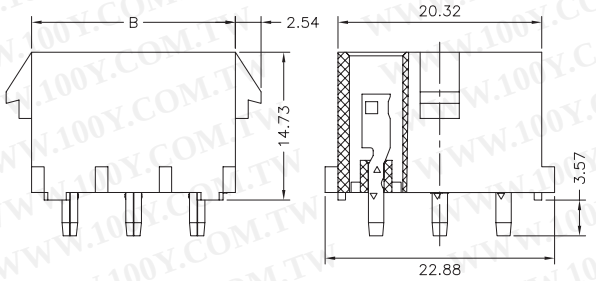
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series triple row Housing

C6350WV-3X05P N O W T1 N F0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: F0=Female pin
⑦ Packing code: G=Bag



Ordering Information:
C6350WV-3XNPF *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-3X02PF	6.35	13.97
C6350WV-3X03PF	12.70	20.32
C6350WV-3X04PF	19.05	26.67
C6350WV-3X05PF	25.40	33.02

Unit:mm

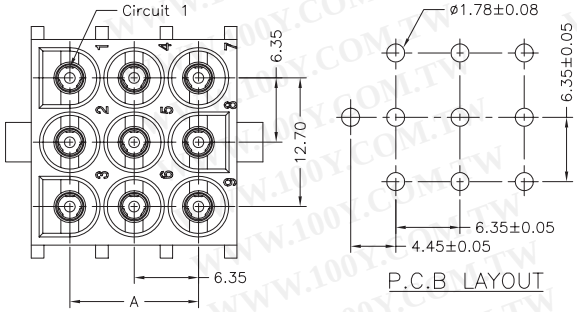
C6350WV-F-3

6.35mm pitch 180° Triple Row Wafer With Polarizing Peg - Female Type

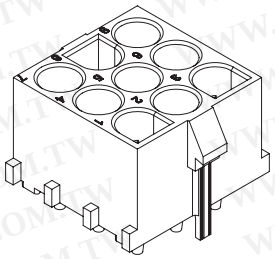
Reference Informations:

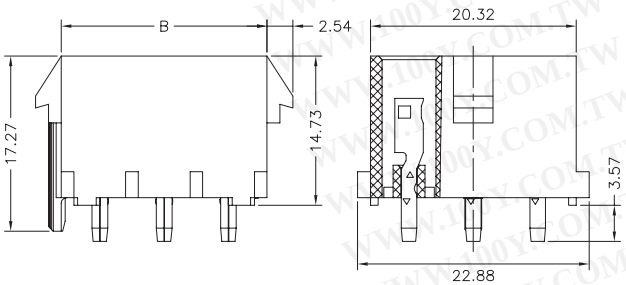
*Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0 or UL94V-2
*Mates with H.R C6350HF series triple row Housing

C6350WV-F-3X05P N O W T1 N F0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0, 2=Nylon 66-V2
③ Color: W=White, N=Natural(Translucent)
④ Plating code: T1=Tin-plated
⑤ Plating code: N=Non-plating
⑥ Option code: F0=Female pin
⑦ Packing code: G=Bag



Ordering Information:
C6350WV-F-3XNPF *
1 2
1.Part No.
2.Material:
V0-UL94V-0
V2-UL94V-2



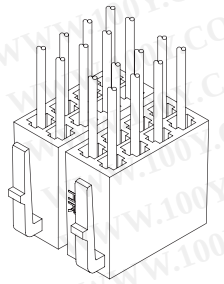


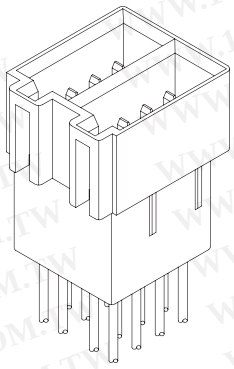
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
C6350WV-F-3X02PF	6.35	13.97
C6350WV-F-3X03PF	12.70	20.32
C6350WV-F-3X04PF	19.05	26.67
C6350WV-F-3X05PF	25.40	33.02

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw





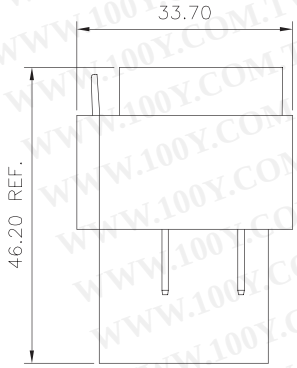
Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Standards

E179987

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
C6500 F-T B E

❶ Series No.
❷ Terminal type: F=Female, M=Male
❸ Plating code: T=Tin-plated
❹ Material: B=Brass, P=Phosphor bronze
❺ E=Stamping before plating

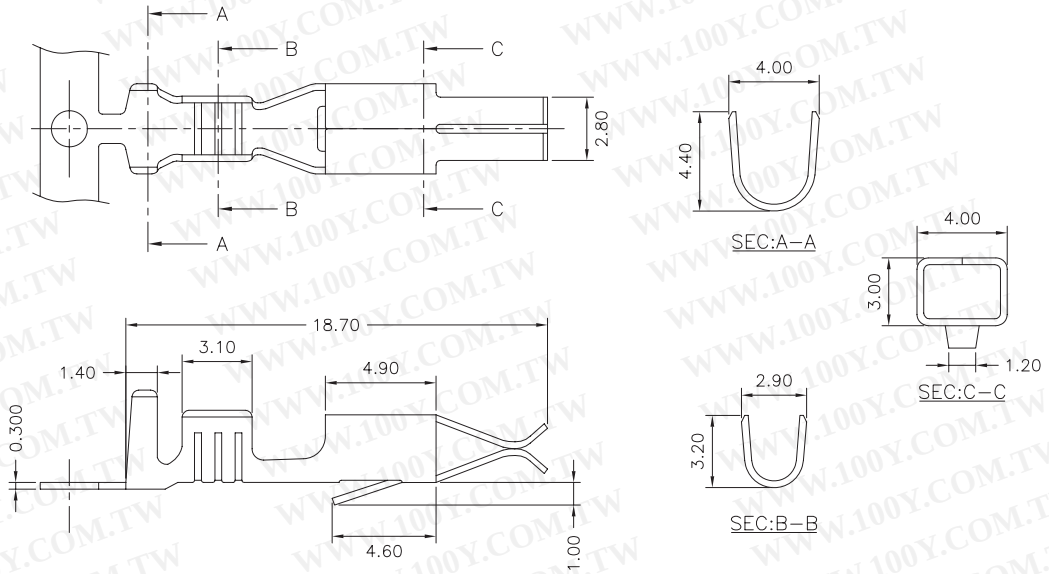
❶ ❷ ❸ ❹
C6500 HF-08P -L

❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ No. of circuits
❹ Option code:
-L=Left type
-R=Right type

C6500F-T 6.00-5.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C6500HF or C6501HF series Housing



Ordering Information & Specifications: Unit:mm

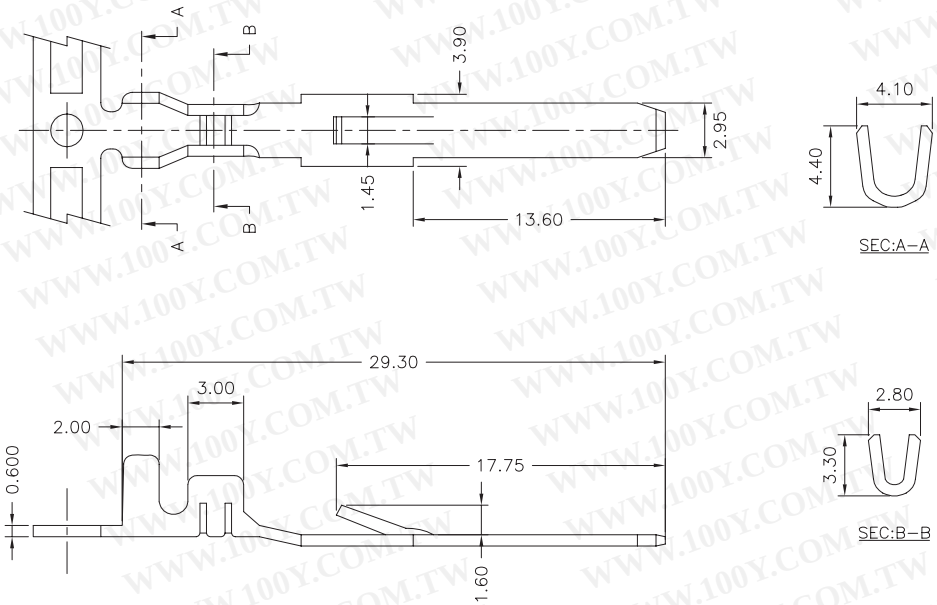
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C6500F-TPE	AWG#18-#22	3.10mm(max)	Phosphor Bronze	Tin-plated	4,000pcs

Note:E-Stamping before Tin-plated

C6500M-T 6.00-5.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R C6500HM series Housing



Ordering Information & Specifications: Unit:mm

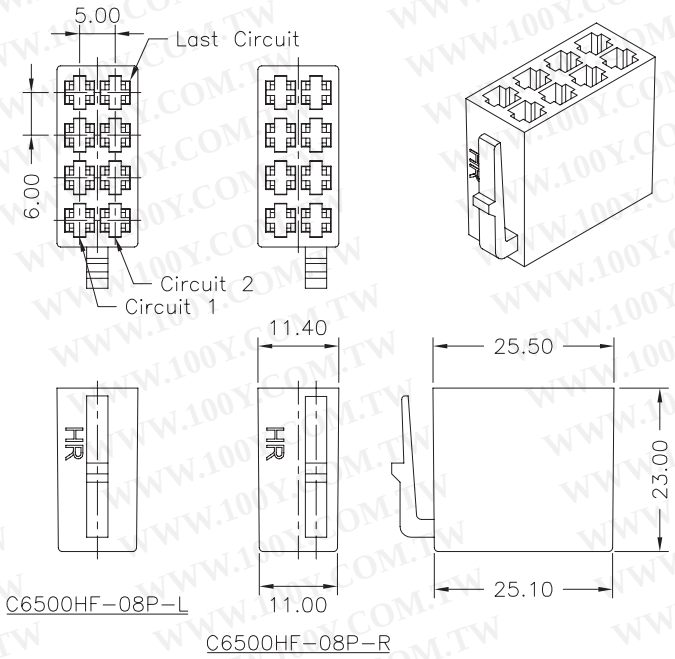
Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C6500M-TBE	AWG#18-#22	3.10mm(max)	Brass	Tin-plated	4,000pcs

Note:E-Stamping before Tin-plated

C6500HF-08P 6.00-5.00mm pitch Housing

Reference Informations:

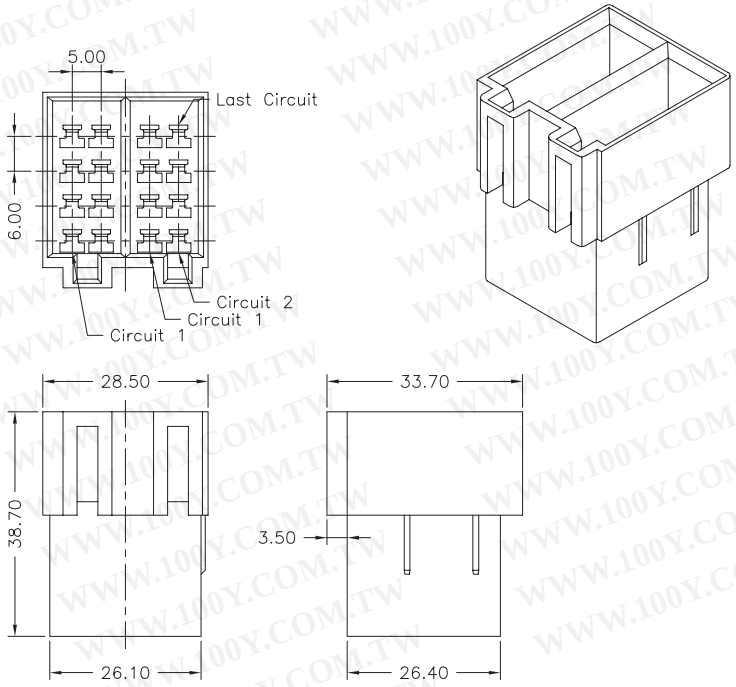
*Material: Nylon 66,UL94V-2
*Suitable H.R C6500F series Terminal
*Mates with H.R C6500HM,C6501HM or C6502HM series Housing



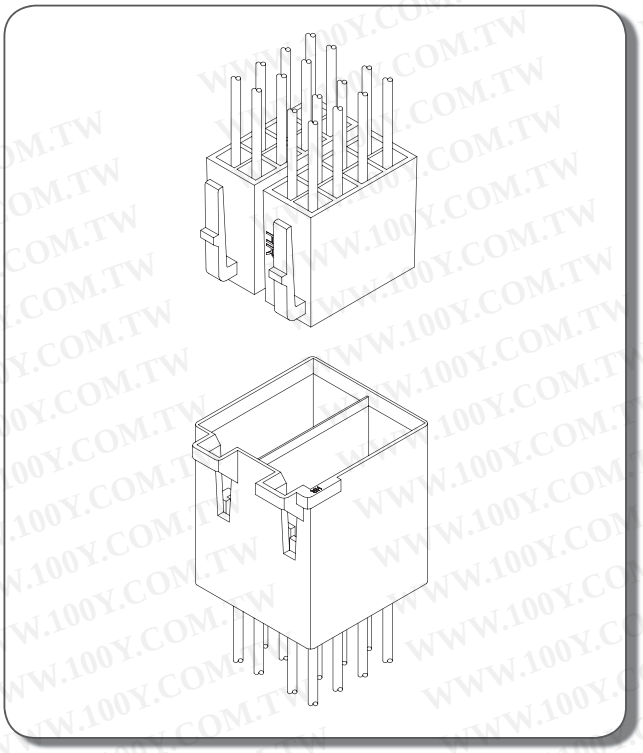
C6500HM-16P 6.00-5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C6500M series Terminal
*Mates with H.R C6500HF or C6501HF series Housing



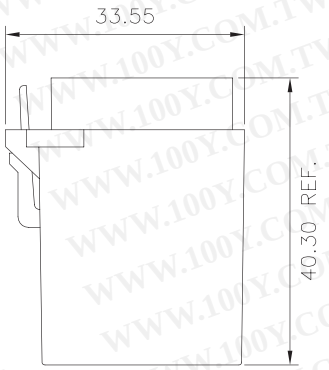
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ C6501 ❷ HF – ❸ 08P ❹ -L

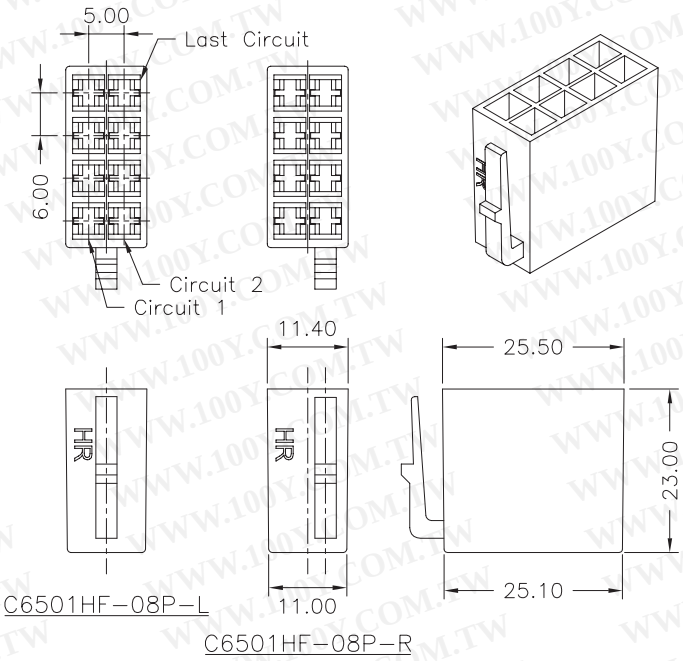
❶ Series No.
❷ Housing type: HF=Receptacle
HM=Plug
❸ No. of circuits
❹ Option code:
-L=Left type
-R=Right type

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

C6501HF-08P 6.00-5.00mm pitch Housing

Reference Informations:

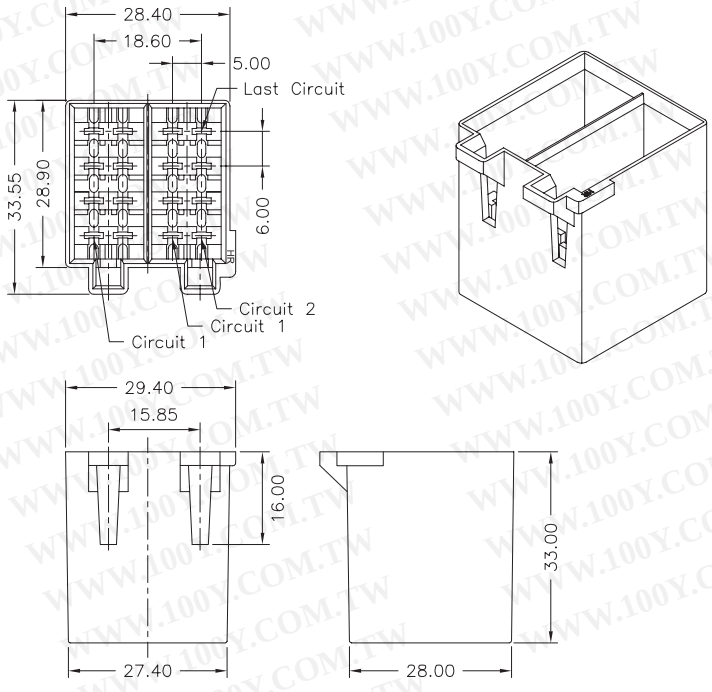
*Material: Nylon 66,UL94V-2
*Suitable H.R C6500F series Terminal
*Mates with H.R C6500HM,C6501HM or C6502HM series Housing

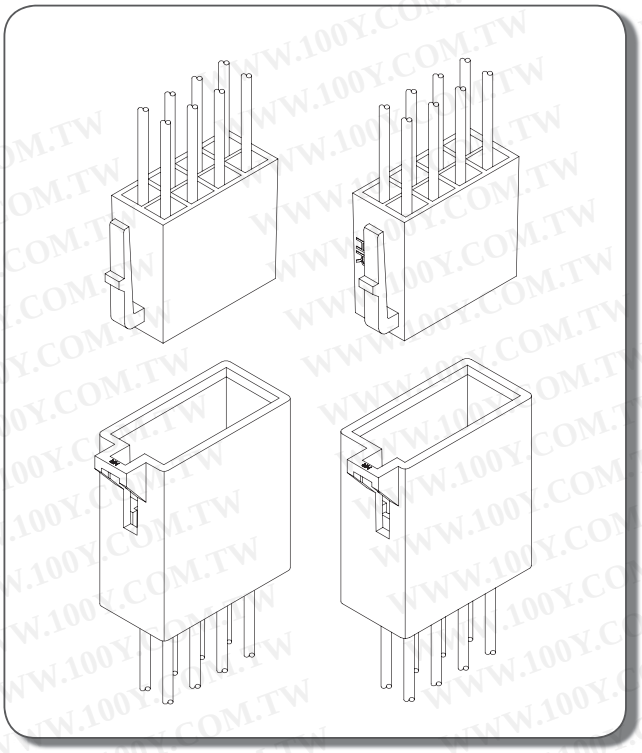


C6501HM-16P 6.00-5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R C6502M series Terminal
*Mates with H.R C6500HF or C6501HF series Housing

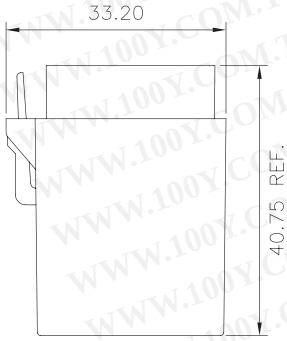




Specifications

Current rating: 7A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

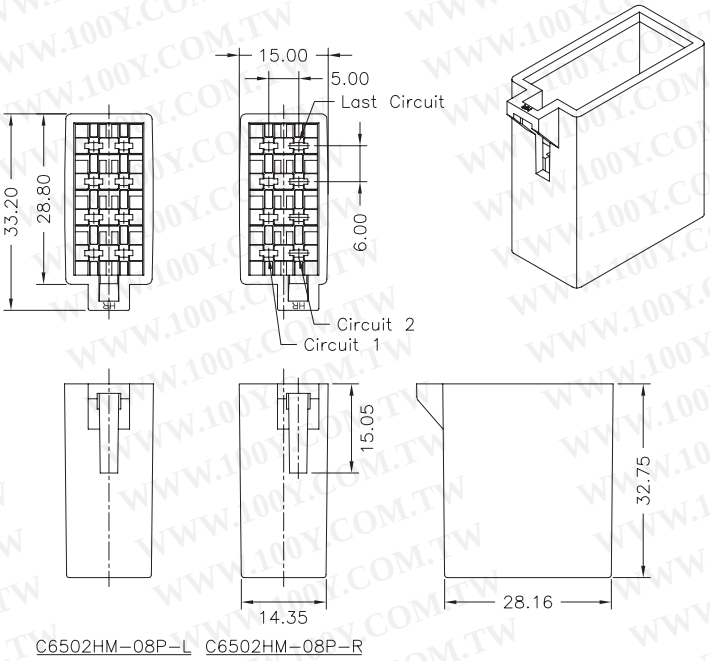
❶ C6502 ❷ HM – ❸ 08P ❹ -L

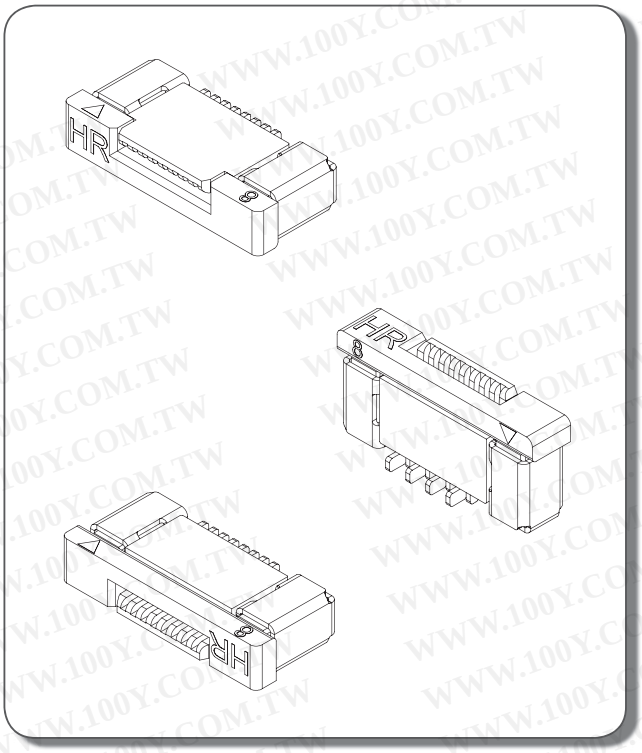
❶ Series No.
❷ Housing type: HM=Plug
❸ No. of circuits
❹ Option code:
-L=Left type
-R=Right type

C6502HM-08P 6.00-5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66,UL94V-2
*Suitable H.R C6502M series Terminal
*Mates with H.R C6500HF or C6501HF series Housing





Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ F0500 ❷ WV ❸ A ❹ S ❺ 30P

❶ Series No.
❷ Connector type: WV=Vertical
❸ Blank=Normal type
A=Reverse type
❹ Mounting type: S=SMT
❺ No. of circuits

❶ F0500 ❷ WR ❸ S ❹ 30P ❺ T

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
T=Top contact style
B=Bottom contact style

WWW.100Y.COM.TW

F0500WV-S

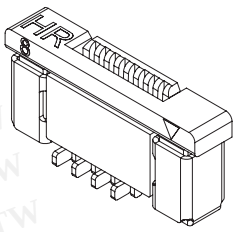
0.50mm pitch FFC/FPC 180° Connector, ZIF, SMT TYPE

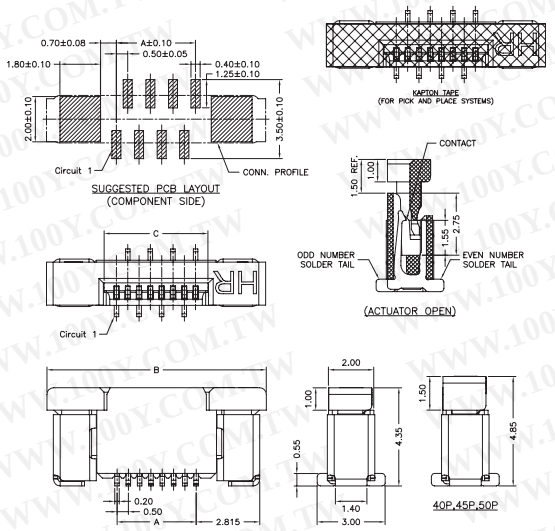
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0500WV-S-30P N L N G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0500WV-S-04P	1.50	7.70	2.60
F0500WV-S-05P	2.00	8.20	3.10
F0500WV-S-06P	2.50	8.70	3.60
F0500WV-S-07P	3.00	9.20	4.10
F0500WV-S-08P	3.50	9.70	4.60
F0500WV-S-09P	4.00	10.20	5.10
F0500WV-S-10P	4.50	10.70	5.60
F0500WV-S-11P	5.00	11.20	6.10
F0500WV-S-12P	5.50	11.70	6.60
F0500WV-S-13P	6.00	12.20	7.10
F0500WV-S-14P	6.50	12.70	7.60
F0500WV-S-15P	7.00	13.20	8.10
F0500WV-S-16P	7.50	13.70	8.60
F0500WV-S-17P	8.00	14.20	9.10
F0500WV-S-18P	8.50	14.70	9.60
F0500WV-S-19P	9.00	15.20	10.10
F0500WV-S-20P	9.50	15.70	10.60
F0500WV-S-21P	10.00	16.20	11.10
F0500WV-S-22P	10.50	16.70	11.60
F0500WV-S-23P	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0500WV-S-24P	11.50	17.70	12.60
F0500WV-S-25P	12.00	18.20	13.10
F0500WV-S-26P	12.50	18.70	13.60
F0500WV-S-27P	13.00	19.20	14.10
F0500WV-S-28P	13.50	19.70	14.60
F0500WV-S-29P	14.00	20.20	15.10
F0500WV-S-30P	14.50	20.70	15.60
F0500WV-S-31P	15.00	21.20	16.10
F0500WV-S-32P	15.50	21.70	16.60
F0500WV-S-33P	16.00	22.20	17.10
F0500WV-S-34P	16.50	22.70	17.60
F0500WV-S-35P	17.00	23.20	18.10
F0500WV-S-36P	17.50	23.70	18.60
F0500WV-S-37P	18.00	24.20	19.10
F0500WV-S-38P	18.50	24.70	19.60
F0500WV-S-39P	19.00	25.20	20.10
F0500WV-S-40P	19.50	25.70	20.60
F0500WV-S-45P	22.00	28.20	23.10
F0500WV-S-50P	24.50	30.70	25.60

Unit:mm

F0500WR-S

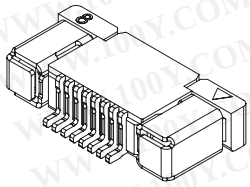
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Top Contact Style

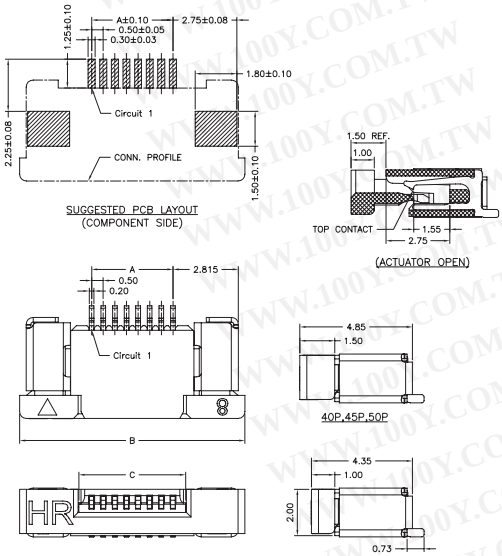
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0500WR-S-30P N L N G1 G T0 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: T0=Top contact
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0500WR-S-04PT	1.50	7.70	2.60
F0500WR-S-05PT	2.00	8.20	3.10
F0500WR-S-06PT	2.50	8.70	3.60
F0500WR-S-07PT	3.00	9.20	4.10
F0500WR-S-08PT	3.50	9.70	4.60
F0500WR-S-09PT	4.00	10.20	5.10
F0500WR-S-10PT	4.50	10.70	5.60
F0500WR-S-11PT	5.00	11.20	6.10
F0500WR-S-12PT	5.50	11.70	6.60
F0500WR-S-13PT	6.00	12.20	7.10
F0500WR-S-14PT	6.50	12.70	7.60
F0500WR-S-15PT	7.00	13.20	8.10
F0500WR-S-16PT	7.50	13.70	8.60
F0500WR-S-17PT	8.00	14.20	9.10
F0500WR-S-18PT	8.50	14.70	9.60
F0500WR-S-19PT	9.00	15.20	10.10
F0500WR-S-20PT	9.50	15.70	10.60
F0500WR-S-21PT	10.00	16.20	11.10
F0500WR-S-22PT	10.50	16.70	11.60
F0500WR-S-23PT	11.00	17.20	12.10

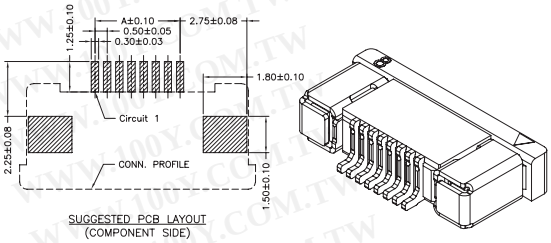
PART NO.	Dimensions		
	A	B	C
F0500WR-S-24PT	11.50	17.70	12.60
F0500WR-S-25PT	12.00	18.20	13.10
F0500WR-S-26PT	12.50	18.70	13.60
F0500WR-S-27PT	13.00	19.20	14.10
F0500WR-S-28PT	13.50	19.70	14.60
F0500WR-S-29PT	14.00	20.20	15.10
F0500WR-S-30PT	14.50	20.70	15.60
F0500WR-S-31PT	15.00	21.20	16.10
F0500WR-S-32PT	15.50	21.70	16.60
F0500WR-S-33PT	16.00	22.20	17.10
F0500WR-S-34PT	16.50	22.70	17.60
F0500WR-S-35PT	17.00	23.20	18.10
F0500WR-S-36PT	17.50	23.70	18.60
F0500WR-S-37PT	18.00	24.20	19.10
F0500WR-S-38PT	18.50	24.70	19.60
F0500WR-S-39PT	19.00	25.20	20.10
F0500WR-S-40PT	19.50	25.70	20.60
F0500WR-S-45PT	22.00	28.20	23.10
F0500WR-S-50PT	24.50	30.70	25.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

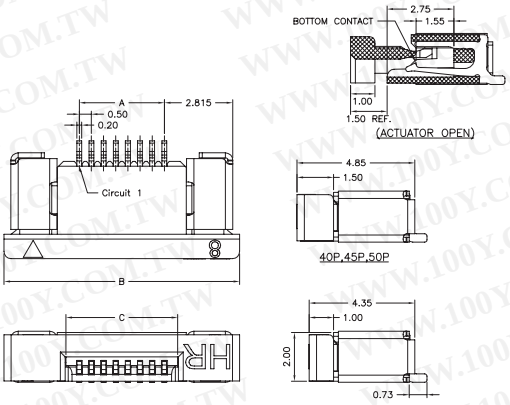
F0500WR-S

0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style



Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0



F0500WR-S-30P N L N G1 G B0 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: B0=Bottom contact
⑦ Packing code: R=Tape & Reel

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0500WR-S-04PB	1.50	7.70	2.60
F0500WR-S-05PB	2.00	8.20	3.10
F0500WR-S-06PB	2.50	8.70	3.60
F0500WR-S-07PB	3.00	9.20	4.10
F0500WR-S-08PB	3.50	9.70	4.60
F0500WR-S-09PB	4.00	10.20	5.10
F0500WR-S-10PB	4.50	10.70	5.60
F0500WR-S-11PB	5.00	11.20	6.10
F0500WR-S-12PB	5.50	11.70	6.60
F0500WR-S-13PB	6.00	12.20	7.10
F0500WR-S-14PB	6.50	12.70	7.60
F0500WR-S-15PB	7.00	13.20	8.10
F0500WR-S-16PB	7.50	13.70	8.60
F0500WR-S-17PB	8.00	14.20	9.10
F0500WR-S-18PB	8.50	14.70	9.60
F0500WR-S-19PB	9.00	15.20	10.10
F0500WR-S-20PB	9.50	15.70	10.60
F0500WR-S-21PB	10.00	16.20	11.10
F0500WR-S-22PB	10.50	16.70	11.60
F0500WR-S-23PB	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0500WR-S-24PB	11.50	17.70	12.60
F0500WR-S-25PB	12.00	18.20	13.10
F0500WR-S-26PB	12.50	18.70	13.60
F0500WR-S-27PB	13.00	19.20	14.10
F0500WR-S-28PB	13.50	19.70	14.60
F0500WR-S-29PB	14.00	20.20	15.10
F0500WR-S-30PB	14.50	20.70	15.60
F0500WR-S-31PB	15.00	21.20	16.10
F0500WR-S-32PB	15.50	21.70	16.60
F0500WR-S-33PB	16.00	22.20	17.10
F0500WR-S-34PB	16.50	22.70	17.60
F0500WR-S-35PB	17.00	23.20	18.10
F0500WR-S-36PB	17.50	23.70	18.60
F0500WR-S-37PB	18.00	24.20	19.10
F0500WR-S-38PB	18.50	24.70	19.60
F0500WR-S-39PB	19.00	25.20	20.10
F0500WR-S-40PB	19.50	25.70	20.60
F0500WR-S-45PB	22.00	28.20	23.10
F0500WR-S-50PB	24.50	30.70	25.60

Unit:mm

F0500WVA-S

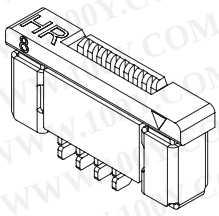
0.50mm pitch FFC/FPC 180° Connector, ZIF, SMT TYPE, REVERSE TYPE

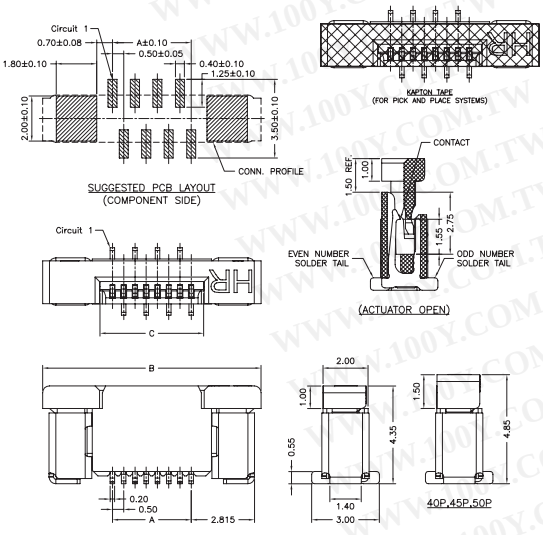
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0500WVA-S-30P N L N G1 G 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)





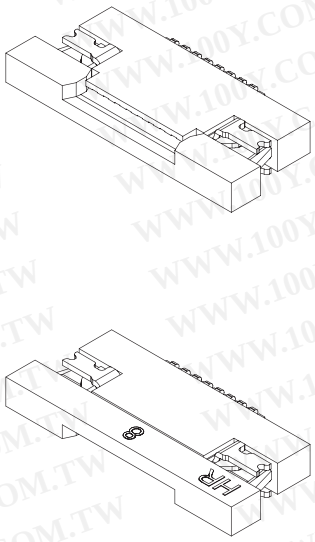
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0500WVA-S-04P	1.50	7.70	2.60
F0500WVA-S-05P	2.00	8.20	3.10
F0500WVA-S-06P	2.50	8.70	3.60
F0500WVA-S-07P	3.00	9.20	4.10
F0500WVA-S-08P	3.50	9.70	4.60
F0500WVA-S-09P	4.00	10.20	5.10
F0500WVA-S-10P	4.50	10.70	5.60
F0500WVA-S-11P	5.00	11.20	6.10
F0500WVA-S-12P	5.50	11.70	6.60
F0500WVA-S-13P	6.00	12.20	7.10
F0500WVA-S-14P	6.50	12.70	7.60
F0500WVA-S-15P	7.00	13.20	8.10
F0500WVA-S-16P	7.50	13.70	8.60
F0500WVA-S-17P	8.00	14.20	9.10
F0500WVA-S-18P	8.50	14.70	9.60
F0500WVA-S-19P	9.00	15.20	10.10
F0500WVA-S-20P	9.50	15.70	10.60
F0500WVA-S-21P	10.00	16.20	11.10
F0500WVA-S-22P	10.50	16.70	11.60
F0500WVA-S-23P	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0500WVA-S-24P	11.50	17.70	12.60
F0500WVA-S-25P	12.00	18.20	13.10
F0500WVA-S-26P	12.50	18.70	13.60
F0500WVA-S-27P	13.00	19.20	14.10
F0500WVA-S-28P	13.50	19.70	14.60
F0500WVA-S-29P	14.00	20.20	15.10
F0500WVA-S-30P	14.50	20.70	15.60
F0500WVA-S-31P	15.00	21.20	16.10
F0500WVA-S-32P	15.50	21.70	16.60
F0500WVA-S-33P	16.00	22.20	17.10
F0500WVA-S-34P	16.50	22.70	17.60
F0500WVA-S-35P	17.00	23.20	18.10
F0500WVA-S-36P	17.50	23.70	18.60
F0500WVA-S-37P	18.00	24.20	19.10
F0500WVA-S-38P	18.50	24.70	19.60
F0500WVA-S-39P	19.00	25.20	20.10
F0500WVA-S-40P	19.50	25.70	20.60
F0500WVA-S-45P	22.00	28.20	23.10
F0500WVA-S-50P	24.50	30.70	25.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ F0501 ❷ WR – ❸ S – ❹ 30P ❺ DT1

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
DT1=Top contact style, Gold-plated, Taping reel
DB1=Bottom contact style, Gold-plated, Taping reel

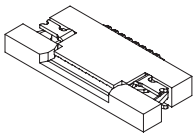
F0501WR-S

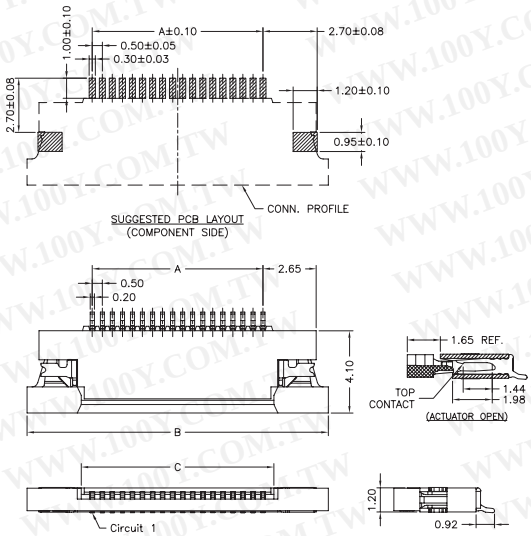
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Phosphor Bronze/Gold-flash
Housing: LCP,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0501WR-S-30P N L N G2 G T0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: G=Gold-flash
⑥ Option code: T0=Top contact
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F0501WR-S-04PDT1	1.50	8.00	2.60	F0501WR-S-28PDT1	13.50	20.00	14.60
F0501WR-S-05PDT1	2.00	8.50	3.10	F0501WR-S-29PDT1	14.00	20.50	15.10
F0501WR-S-06PDT1	2.50	9.00	3.60	F0501WR-S-30PDT1	14.50	21.00	15.60
F0501WR-S-07PDT1	3.00	9.50	4.10	F0501WR-S-31PDT1	15.00	21.50	16.10
F0501WR-S-08PDT1	3.50	10.00	4.60	F0501WR-S-32PDT1	15.50	22.00	16.60
F0501WR-S-09PDT1	4.00	10.50	5.10	F0501WR-S-33PDT1	16.00	22.50	17.10
F0501WR-S-10PDT1	4.50	11.00	5.60	F0501WR-S-34PDT1	16.50	23.00	17.60
F0501WR-S-11PDT1	5.00	11.50	6.10	F0501WR-S-35PDT1	17.00	23.50	18.10
F0501WR-S-12PDT1	5.50	12.00	6.60	F0501WR-S-36PDT1	17.50	24.00	18.60
F0501WR-S-13PDT1	6.00	12.50	7.10	F0501WR-S-37PDT1	18.00	24.50	19.10
F0501WR-S-14PDT1	6.50	13.00	7.60	F0501WR-S-38PDT1	18.50	25.00	19.60
F0501WR-S-15PDT1	7.00	13.50	8.10	F0501WR-S-39PDT1	19.00	25.50	20.10
F0501WR-S-16PDT1	7.50	14.00	8.60	F0501WR-S-40PDT1	19.50	26.00	20.60
F0501WR-S-17PDT1	8.00	14.50	9.10	F0501WR-S-41PDT1	20.00	26.50	21.10
F0501WR-S-18PDT1	8.50	15.00	9.60	F0501WR-S-42PDT1	20.50	27.00	21.60
F0501WR-S-19PDT1	9.00	15.50	10.10	F0501WR-S-43PDT1	21.00	27.50	22.10
F0501WR-S-20PDT1	9.50	16.00	10.60	F0501WR-S-44PDT1	21.50	28.00	22.60
F0501WR-S-21PDT1	10.00	16.50	11.10	F0501WR-S-45PDT1	22.00	28.50	23.10
F0501WR-S-22PDT1	10.50	17.00	11.60	F0501WR-S-46PDT1	22.50	29.00	23.60
F0501WR-S-23PDT1	11.00	17.50	12.10	F0501WR-S-47PDT1	23.00	29.50	24.10
F0501WR-S-24PDT1	11.50	18.00	12.60	F0501WR-S-48PDT1	23.50	30.00	24.60
F0501WR-S-25PDT1	12.00	18.50	13.10	F0501WR-S-49PDT1	24.00	30.50	25.10
F0501WR-S-26PDT1	12.50	19.00	13.60	F0501WR-S-50PDT1	24.50	31.00	25.60
F0501WR-S-27PDT1	13.00	19.50	14.10				

Unit:mm

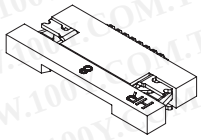
F0501WR-S

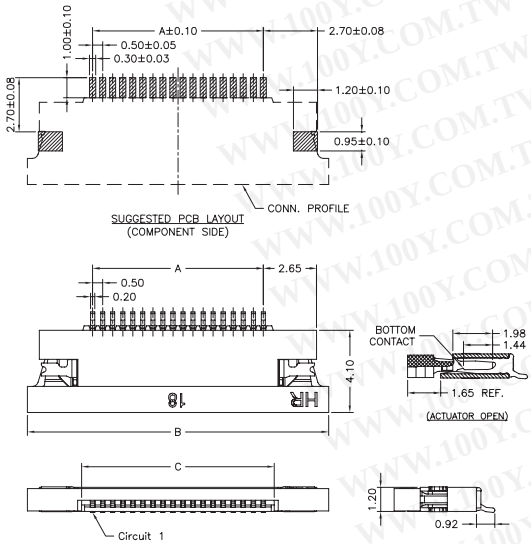
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Phosphor Bronze/Gold-flash
Housing: LCP,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0501WR-S-30P N L N G2 G B0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: G=Gold-flash
⑥ Option code: B0=Bottom contact
⑦ Packing code: R=Tape & Reel

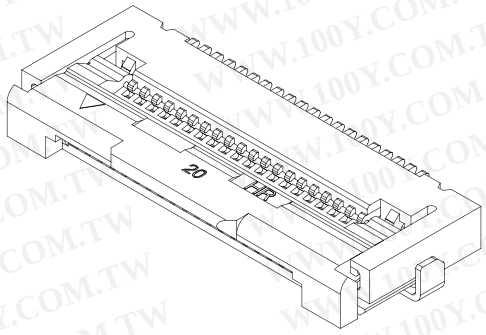




Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F0501WR-S-04PDB1	1.50	8.00	2.60	F0501WR-S-28PDB1	13.50	20.00	14.60
F0501WR-S-05PDB1	2.00	8.50	3.10	F0501WR-S-29PDB1	14.00	20.50	15.10
F0501WR-S-06PDB1	2.50	9.00	3.60	F0501WR-S-30PDB1	14.50	21.00	15.60
F0501WR-S-07PDB1	3.00	9.50	4.10	F0501WR-S-31PDB1	15.00	21.50	16.10
F0501WR-S-08PDB1	3.50	10.00	4.60	F0501WR-S-32PDB1	15.50	22.00	16.60
F0501WR-S-09PDB1	4.00	10.50	5.10	F0501WR-S-33PDB1	16.00	22.50	17.10
F0501WR-S-10PDB1	4.50	11.00	5.60	F0501WR-S-34PDB1	16.50	23.00	17.60
F0501WR-S-11PDB1	5.00	11.50	6.10	F0501WR-S-35PDB1	17.00	23.50	18.10
F0501WR-S-12PDB1	5.50	12.00	6.60	F0501WR-S-36PDB1	17.50	24.00	18.60
F0501WR-S-13PDB1	6.00	12.50	7.10	F0501WR-S-37PDB1	18.00	24.50	19.10
F0501WR-S-14PDB1	6.50	13.00	7.60	F0501WR-S-38PDB1	18.50	25.00	19.60
F0501WR-S-15PDB1	7.00	13.50	8.10	F0501WR-S-39PDB1	19.00	25.50	20.10
F0501WR-S-16PDB1	7.50	14.00	8.60	F0501WR-S-40PDB1	19.50	26.00	20.60
F0501WR-S-17PDB1	8.00	14.50	9.10	F0501WR-S-41PDB1	20.00	26.50	21.10
F0501WR-S-18PDB1	8.50	15.00	9.60	F0501WR-S-42PDB1	20.50	27.00	21.60
F0501WR-S-19PDB1	9.00	15.50	10.10	F0501WR-S-43PDB1	21.00	27.50	22.10
F0501WR-S-20PDB1	9.50	16.00	10.60	F0501WR-S-44PDB1	21.50	28.00	22.60
F0501WR-S-21PDB1	10.00	16.50	11.10	F0501WR-S-45PDB1	22.00	28.50	23.10
F0501WR-S-22PDB1	10.50	17.00	11.60	F0501WR-S-46PDB1	22.50	29.00	23.60
F0501WR-S-23PDB1	11.00	17.50	12.10	F0501WR-S-47PDB1	23.00	29.50	24.10
F0501WR-S-24PDB1	11.50	18.00	12.60	F0501WR-S-48PDB1	23.50	30.00	24.60
F0501WR-S-25PDB1	12.00	18.50	13.10	F0501WR-S-49PDB1	24.00	30.50	25.10
F0501WR-S-26PDB1	12.50	19.00	13.60	F0501WR-S-50PDB1	24.50	31.00	25.60
F0501WR-S-27PDB1	13.00	19.50	14.10				

Unit:mm



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ F0502 ❷ WR – ❸ S – ❹ 30P ❺ D01

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
D01=Gold-flash, Taping reel

F0502WR-S

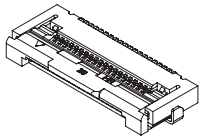
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

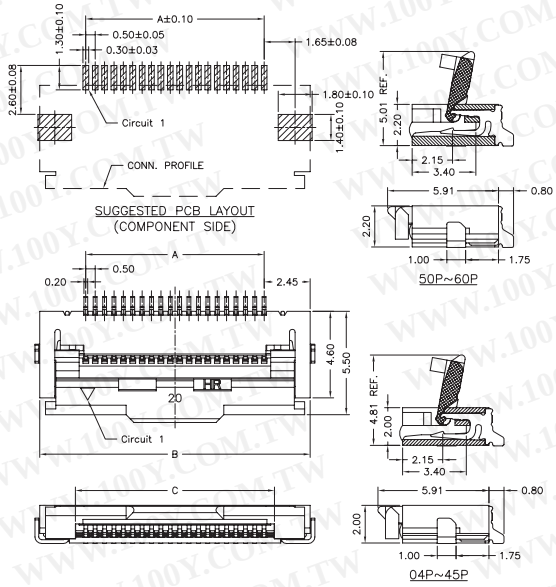
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Phosphor Bronze/Tin-plated
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0502WR-S-30P N L N T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



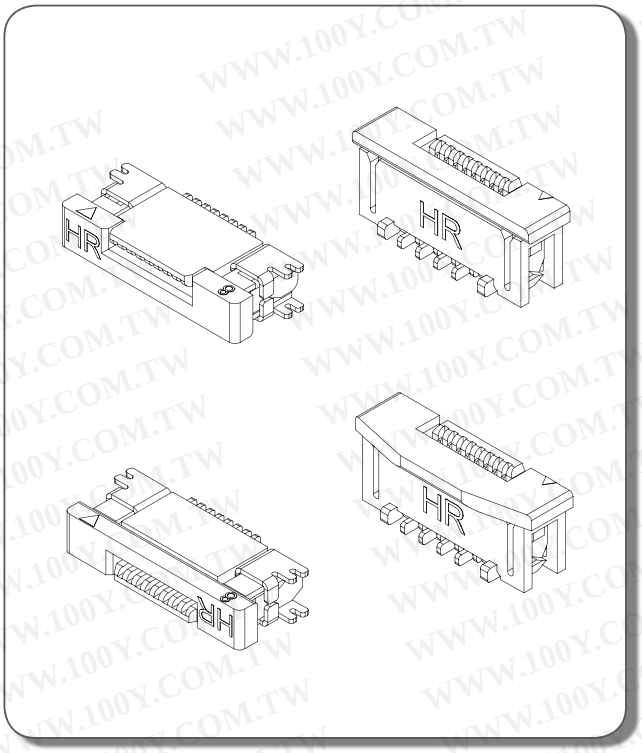


Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0502WR-S-04P	1.50	6.40	2.60
F0502WR-S-06P	2.50	7.40	3.60
F0502WR-S-07P	3.00	7.90	4.10
F0502WR-S-08P	3.50	8.40	4.60
F0502WR-S-09P	4.00	8.90	5.10
F0502WR-S-10P	4.50	9.40	5.60
F0502WR-S-11P	5.00	9.90	6.10
F0502WR-S-12P	5.50	10.40	6.60
F0502WR-S-13P	6.00	10.90	7.10
F0502WR-S-14P	6.50	11.40	7.60
F0502WR-S-15P	7.00	11.90	8.10
F0502WR-S-16P	7.50	12.40	8.60
F0502WR-S-17P	8.00	12.90	9.10
F0502WR-S-18P	8.50	13.40	9.60
F0502WR-S-19P	9.00	13.90	10.10
F0502WR-S-20P	9.50	14.40	10.60
F0502WR-S-21P	10.00	14.90	11.10
F0502WR-S-22P	10.50	15.40	11.60
F0502WR-S-23P	11.00	15.90	12.10
F0502WR-S-24P	11.50	16.40	12.60
F0502WR-S-25P	12.00	16.90	13.10
F0502WR-S-26P	12.50	17.40	13.60

PART NO.	Dimensions		
	A	B	C
F0502WR-S-27P	13.00	17.90	14.10
F0502WR-S-28P	13.50	18.40	14.60
F0502WR-S-29P	14.00	18.90	15.10
F0502WR-S-30P	14.50	19.40	15.60
F0502WR-S-31P	15.00	19.90	16.10
F0502WR-S-32P	15.50	20.40	16.60
F0502WR-S-33P	16.00	20.90	17.10
F0502WR-S-34P	16.50	21.40	17.60
F0502WR-S-35P	17.00	21.90	18.10
F0502WR-S-36P	17.50	22.40	18.60
F0502WR-S-37P	18.00	22.90	19.10
F0502WR-S-38P	18.50	23.40	19.60
F0502WR-S-39P	19.00	23.90	20.10
F0502WR-S-40P	19.50	24.40	20.60
F0502WR-S-42P	20.50	25.40	21.60
F0502WR-S-45P	22.00	26.90	23.10
F0502WR-S-46P	22.50	27.40	23.60
F0502WR-S-50P	24.50	29.40	25.60
F0502WR-S-54P	26.50	31.40	27.60
F0502WR-S-55P	27.00	31.90	28.10
F0502WR-S-60P	29.50	34.40	30.60

Unit:mm



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
F0503 WV A-S-30P

❶ Series No.
❷ Connector type: WV=Vertical
❸ Blank=With pick up kapton tape
A=Without pick up kapton tape
❹ Mounting type: S=SMT
❺ No. of circuits

❶ ❷ ❸ ❹ ❺
F0503 WR-S-30P T

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
T=Top contact style
B=Bottom contact style

F0503WV-S

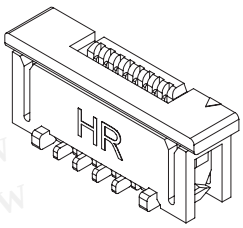
0.50mm pitch FFC/FPC 180° Connector, ZIF, SMT TYPE

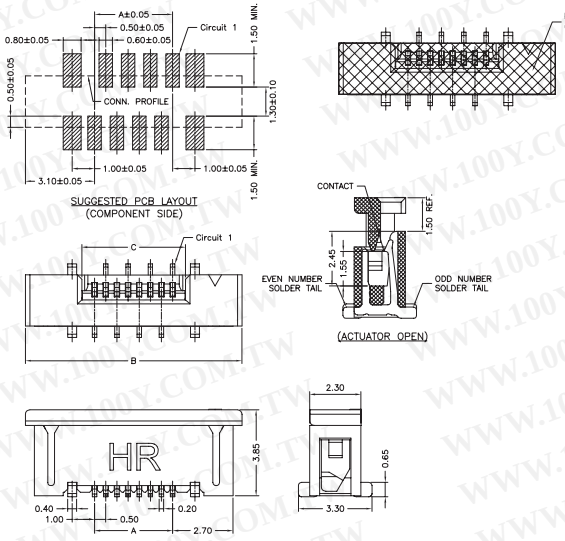
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Housing: Nylon 46,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0503WV-S-30P N L N T1 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)





Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F0503WV-S-04P	1.50	7.70	2.65	F0503WV-S-23P	11.00	17.20	12.15
F0503WV-S-05P	2.00	8.20	3.15	F0503WV-S-24P	11.50	17.70	12.65
F0503WV-S-06P	2.50	8.70	3.65	F0503WV-S-25P	12.00	18.20	13.15
F0503WV-S-07P	3.00	9.20	4.15	F0503WV-S-26P	12.50	18.70	13.65
F0503WV-S-08P	3.50	9.70	4.65	F0503WV-S-27P	13.00	19.20	14.15
F0503WV-S-09P	4.00	10.20	5.15	F0503WV-S-28P	13.50	19.70	14.65
F0503WV-S-10P	4.50	10.70	5.65	F0503WV-S-29P	14.00	20.20	15.15
F0503WV-S-11P	5.00	11.20	6.15	F0503WV-S-30P	14.50	20.70	15.65
F0503WV-S-12P	5.50	11.70	6.65	F0503WV-S-31P	15.00	21.20	16.15
F0503WV-S-13P	6.00	12.20	7.15	F0503WV-S-32P	15.50	21.70	16.65
F0503WV-S-14P	6.50	12.70	7.65	F0503WV-S-33P	16.00	22.20	17.15
F0503WV-S-15P	7.00	13.20	8.15	F0503WV-S-34P	16.50	22.70	17.65
F0503WV-S-16P	7.50	13.70	8.65	F0503WV-S-35P	17.00	23.20	18.15
F0503WV-S-17P	8.00	14.20	9.15	F0503WV-S-36P	17.50	23.70	18.65
F0503WV-S-18P	8.50	14.70	9.65	F0503WV-S-37P	18.00	24.20	19.15
F0503WV-S-19P	9.00	15.20	10.15	F0503WV-S-38P	18.50	24.70	19.65
F0503WV-S-20P	9.50	15.70	10.65	F0503WV-S-39P	19.00	25.20	20.15
F0503WV-S-21P	10.00	16.20	11.15	F0503WV-S-40P	19.50	25.70	20.65
F0503WV-S-22P	10.50	16.70	11.65	F0503WV-S-45P	22.00	28.20	23.15

Unit:mm

F0503WVA-S

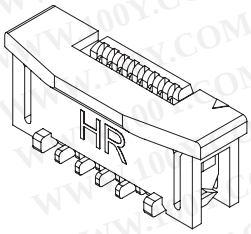
0.50mm pitch FFC/FPC 180° Connector, ZIF, SMT TYPE

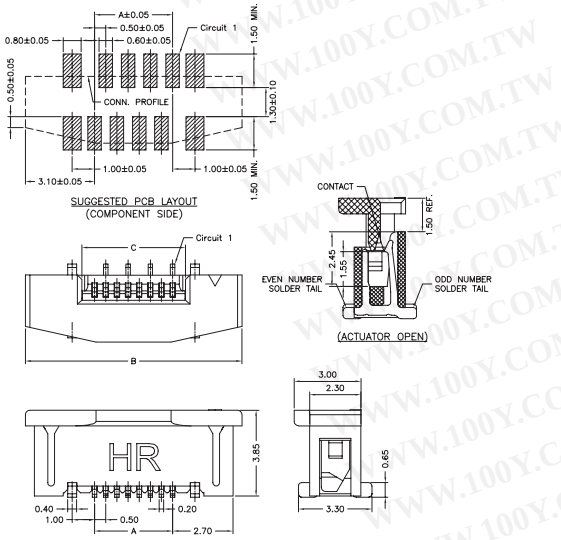
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Housing: Nylon 46,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0503WVA-S-30P N L N T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F0503WVA-S-04P	1.50	7.70	2.65	F0503WVA-S-23P	11.00	17.20	12.15
F0503WVA-S-05P	2.00	8.20	3.15	F0503WVA-S-24P	11.50	17.70	12.65
F0503WVA-S-06P	2.50	8.70	3.65	F0503WVA-S-25P	12.00	18.20	13.15
F0503WVA-S-07P	3.00	9.20	4.15	F0503WVA-S-26P	12.50	18.70	13.65
F0503WVA-S-08P	3.50	9.70	4.65	F0503WVA-S-27P	13.00	19.20	14.15
F0503WVA-S-09P	4.00	10.20	5.15	F0503WVA-S-28P	13.50	19.70	14.65
F0503WVA-S-10P	4.50	10.70	5.65	F0503WVA-S-29P	14.00	20.20	15.15
F0503WVA-S-11P	5.00	11.20	6.15	F0503WVA-S-30P	14.50	20.70	15.65
F0503WVA-S-12P	5.50	11.70	6.65	F0503WVA-S-31P	15.00	21.20	16.15
F0503WVA-S-13P	6.00	12.20	7.15	F0503WVA-S-32P	15.50	21.70	16.65
F0503WVA-S-14P	6.50	12.70	7.65	F0503WVA-S-33P	16.00	22.20	17.15
F0503WVA-S-15P	7.00	13.20	8.15	F0503WVA-S-34P	16.50	22.70	17.65
F0503WVA-S-16P	7.50	13.70	8.65	F0503WVA-S-35P	17.00	23.20	18.15
F0503WVA-S-17P	8.00	14.20	9.15	F0503WVA-S-36P	17.50	23.70	18.65
F0503WVA-S-18P	8.50	14.70	9.65	F0503WVA-S-37P	18.00	24.20	19.15
F0503WVA-S-19P	9.00	15.20	10.15	F0503WVA-S-38P	18.50	24.70	19.65
F0503WVA-S-20P	9.50	15.70	10.65	F0503WVA-S-39P	19.00	25.20	20.15
F0503WVA-S-21P	10.00	16.20	11.15	F0503WVA-S-40P	19.50	25.70	20.65
F0503WVA-S-22P	10.50	16.70	11.65	F0503WVA-S-45P	22.00	28.20	23.15

Unit:mm

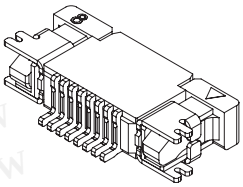
F0503WR-S

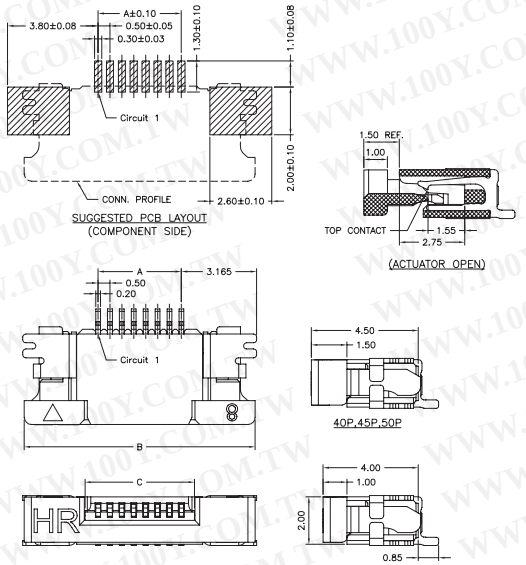
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0503WR-S-30P N L N G1 G T0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: T0=Top contact
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0503WR-S-04PT	1.50	7.70	2.60
F0503WR-S-05PT	2.00	8.20	3.10
F0503WR-S-06PT	2.50	8.70	3.60
F0503WR-S-07PT	3.00	9.20	4.10
F0503WR-S-08PT	3.50	9.70	4.60
F0503WR-S-09PT	4.00	10.20	5.10
F0503WR-S-10PT	4.50	10.70	5.60
F0503WR-S-11PT	5.00	11.20	6.10
F0503WR-S-12PT	5.50	11.70	6.60
F0503WR-S-13PT	6.00	12.20	7.10
F0503WR-S-14PT	6.50	12.70	7.60
F0503WR-S-15PT	7.00	13.20	8.10
F0503WR-S-16PT	7.50	13.70	8.60
F0503WR-S-17PT	8.00	14.20	9.10
F0503WR-S-18PT	8.50	14.70	9.60
F0503WR-S-19PT	9.00	15.20	10.10
F0503WR-S-20PT	9.50	15.70	10.60
F0503WR-S-21PT	10.00	16.20	11.10
F0503WR-S-22PT	10.50	16.70	11.60
F0503WR-S-23PT	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0503WR-S-24PT	11.50	17.70	12.60
F0503WR-S-25PT	12.00	18.20	13.10
F0503WR-S-26PT	12.50	18.70	13.60
F0503WR-S-27PT	13.00	19.20	14.10
F0503WR-S-28PT	13.50	19.70	14.60
F0503WR-S-29PT	14.00	20.20	15.10
F0503WR-S-30PT	14.50	20.70	15.60
F0503WR-S-31PT	15.00	21.20	16.10
F0503WR-S-32PT	15.50	21.70	16.60
F0503WR-S-33PT	16.00	22.20	17.10
F0503WR-S-34PT	16.50	22.70	17.60
F0503WR-S-35PT	17.00	23.20	18.10
F0503WR-S-36PT	17.50	23.70	18.60
F0503WR-S-37PT	18.00	24.20	19.10
F0503WR-S-38PT	18.50	24.70	19.60
F0503WR-S-39PT	19.00	25.20	20.10
F0503WR-S-40PT	19.50	25.70	20.60
F0503WR-S-45PT	22.00	28.20	23.10
F0503WR-S-50PT	24.50	30.70	25.60

Unit:mm

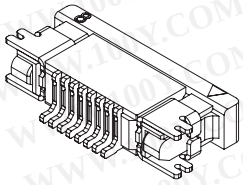
F0503WR-S

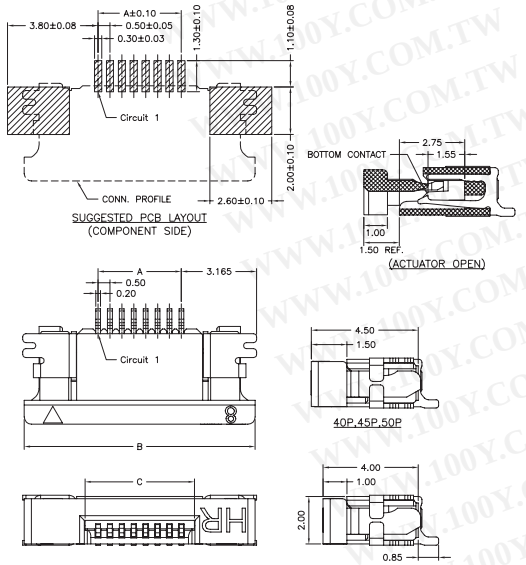
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0503WR-S-30P N L N G1 G B0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: B0=Bottom contact
⑦ Packing code: R=Tape & Reel





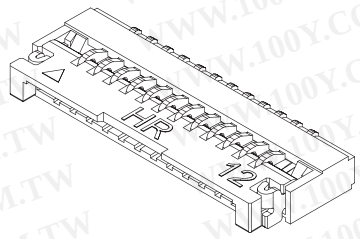
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0503WR-S-04PB	1.50	7.70	2.60
F0503WR-S-05PB	2.00	8.20	3.10
F0503WR-S-06PB	2.50	8.70	3.60
F0503WR-S-07PB	3.00	9.20	4.10
F0503WR-S-08PB	3.50	9.70	4.60
F0503WR-S-09PB	4.00	10.20	5.10
F0503WR-S-10PB	4.50	10.70	5.60
F0503WR-S-11PB	5.00	11.20	6.10
F0503WR-S-12PB	5.50	11.70	6.60
F0503WR-S-13PB	6.00	12.20	7.10
F0503WR-S-14PB	6.50	12.70	7.60
F0503WR-S-15PB	7.00	13.20	8.10
F0503WR-S-16PB	7.50	13.70	8.60
F0503WR-S-17PB	8.00	14.20	9.10
F0503WR-S-18PB	8.50	14.70	9.60
F0503WR-S-19PB	9.00	15.20	10.10
F0503WR-S-20PB	9.50	15.70	10.60
F0503WR-S-21PB	10.00	16.20	11.10
F0503WR-S-22PB	10.50	16.70	11.60
F0503WR-S-23PB	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0503WR-S-24PB	11.50	17.70	12.60
F0503WR-S-25PB	12.00	18.20	13.10
F0503WR-S-26PB	12.50	18.70	13.60
F0503WR-S-27PB	13.00	19.20	14.10
F0503WR-S-28PB	13.50	19.70	14.60
F0503WR-S-29PB	14.00	20.20	15.10
F0503WR-S-30PB	14.50	20.70	15.60
F0503WR-S-31PB	15.00	21.20	16.10
F0503WR-S-32PB	15.50	21.70	16.60
F0503WR-S-33PB	16.00	22.20	17.10
F0503WR-S-34PB	16.50	22.70	17.60
F0503WR-S-35PB	17.00	23.20	18.10
F0503WR-S-36PB	17.50	23.70	18.60
F0503WR-S-37PB	18.00	24.20	19.10
F0503WR-S-38PB	18.50	24.70	19.60
F0503WR-S-39PB	19.00	25.20	20.10
F0503WR-S-40PB	19.50	25.70	20.60
F0503WR-S-45PB	22.00	28.20	23.10
F0503WR-S-50PB	24.50	30.70	25.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 100mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 150V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F0504 WR-S-30P

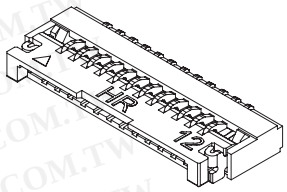
❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

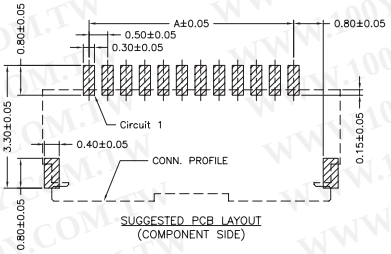
F0504WR-S

0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

Reference Informations:

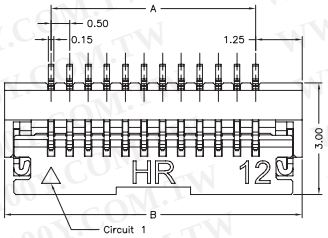
*Material: Pin: Phosphor Bronze/Gold-plated
Solder Tabs: Phosphor Bronze/Gold-flash
Housing: LCP,UL94V-0
Actuator: Nylon 6T,UL94V-0

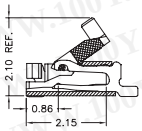


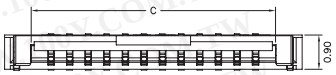


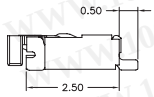
F0504WR-S-30P N L N G2 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G2=Gold-plated 3u"
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





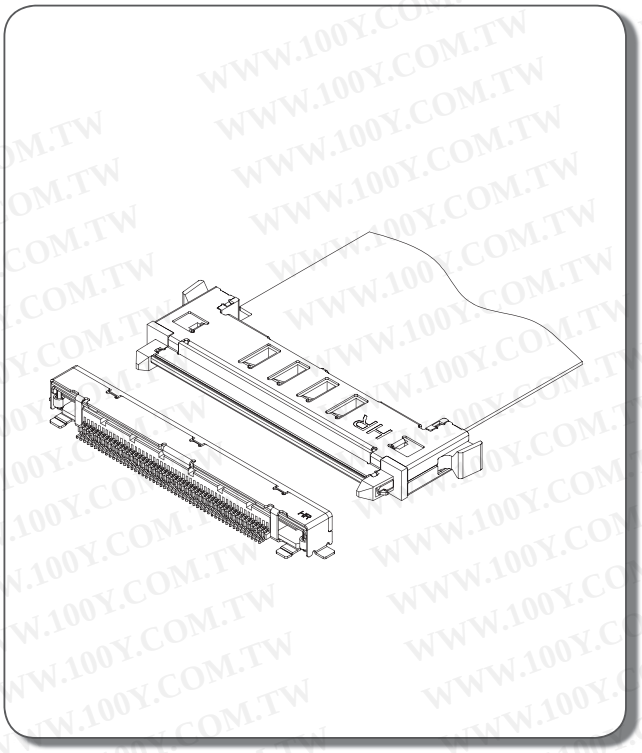




Ordering Information & Dimensions:

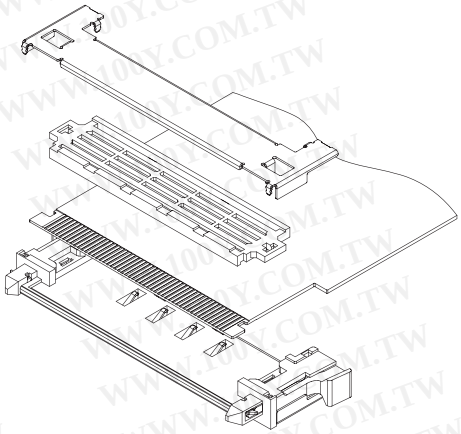
PART NO.	Dimensions		
	A	B	C
F0504WR-S-04P	1.50	4.00	2.57
F0504WR-S-06P	2.50	5.00	3.57
F0504WR-S-09P	4.00	6.50	5.07
F0504WR-S-12P	5.50	8.00	6.57
F0504WR-S-13P	6.00	8.50	7.07
F0504WR-S-17P	8.00	10.50	9.07
F0504WR-S-18P	8.50	11.00	9.57
F0504WR-S-20P	9.50	12.00	10.57
F0504WR-S-22P	10.50	13.00	11.57
F0504WR-S-24P	11.50	14.00	12.57
F0504WR-S-26P	12.50	15.00	13.57
F0504WR-S-27P	13.00	15.50	14.07
F0504WR-S-30P	14.50	17.00	15.57
F0504WR-S-40P	19.50	22.00	20.57
F0504WR-S-50P	24.50	27.00	25.57

Unit:mm

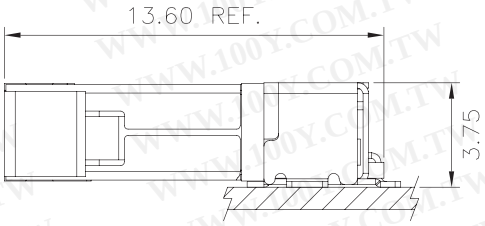


Specifications

Temperature range: -25°C ~ +85°C
Contact H.R for details



Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
F0506 H A-51P -5

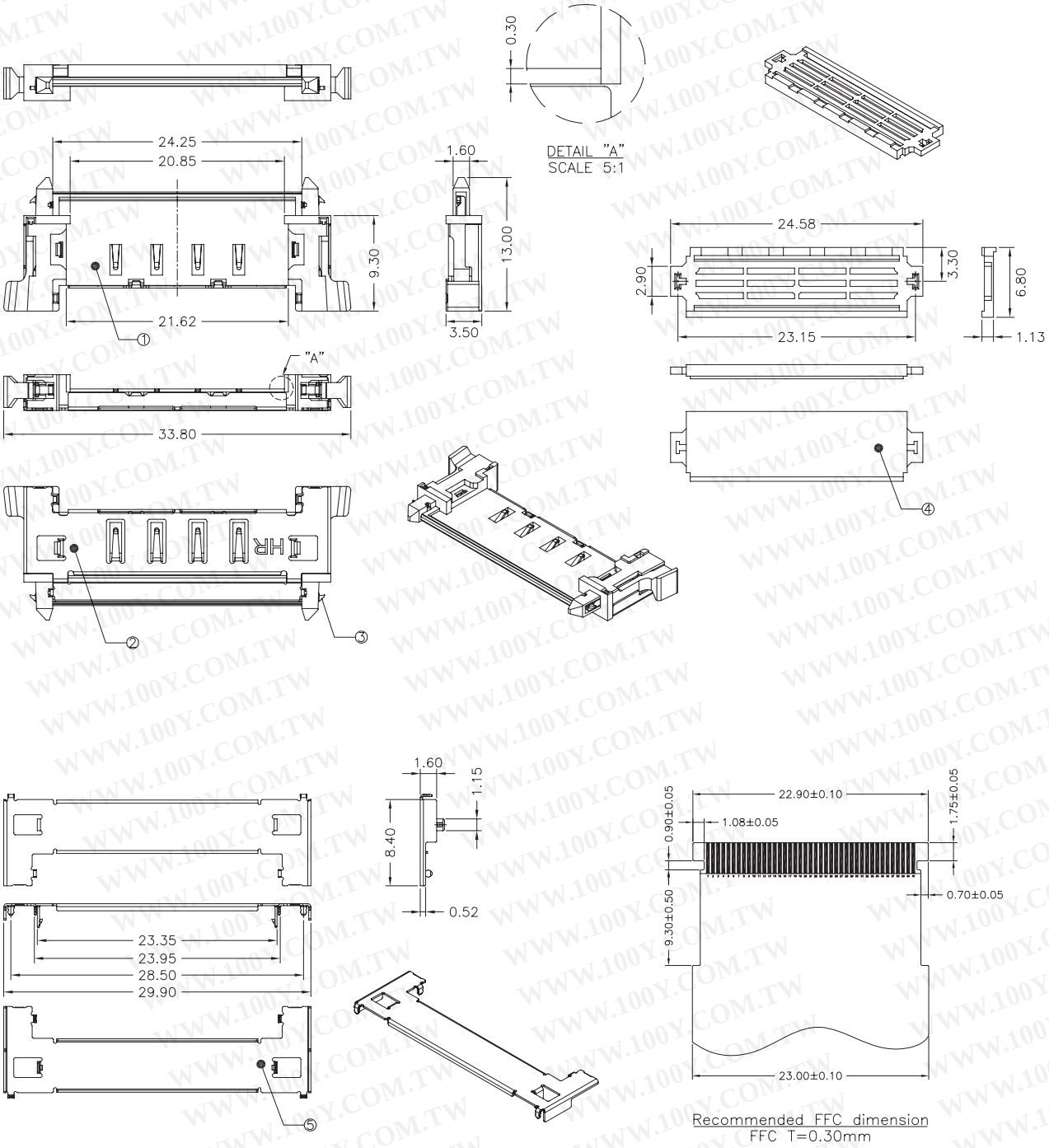
❶ Series No.
❷ H=Housing
❸ A=Lock type
❹ No. of circuits
❺ Option code:
Blank=Normal type
-5=Type 5
-C=Cap for Normal type
-C5=Cap for Type 5

❶ ❷ ❸ ❹ ❺
TC F0506HA-T-51P-QS0

❶ Category code
❷ Series No.
❸ T=Top cover
❹ No. of circuits
❺ Material code

F0506HA-41P

0.50mm pitch Connector For FFC



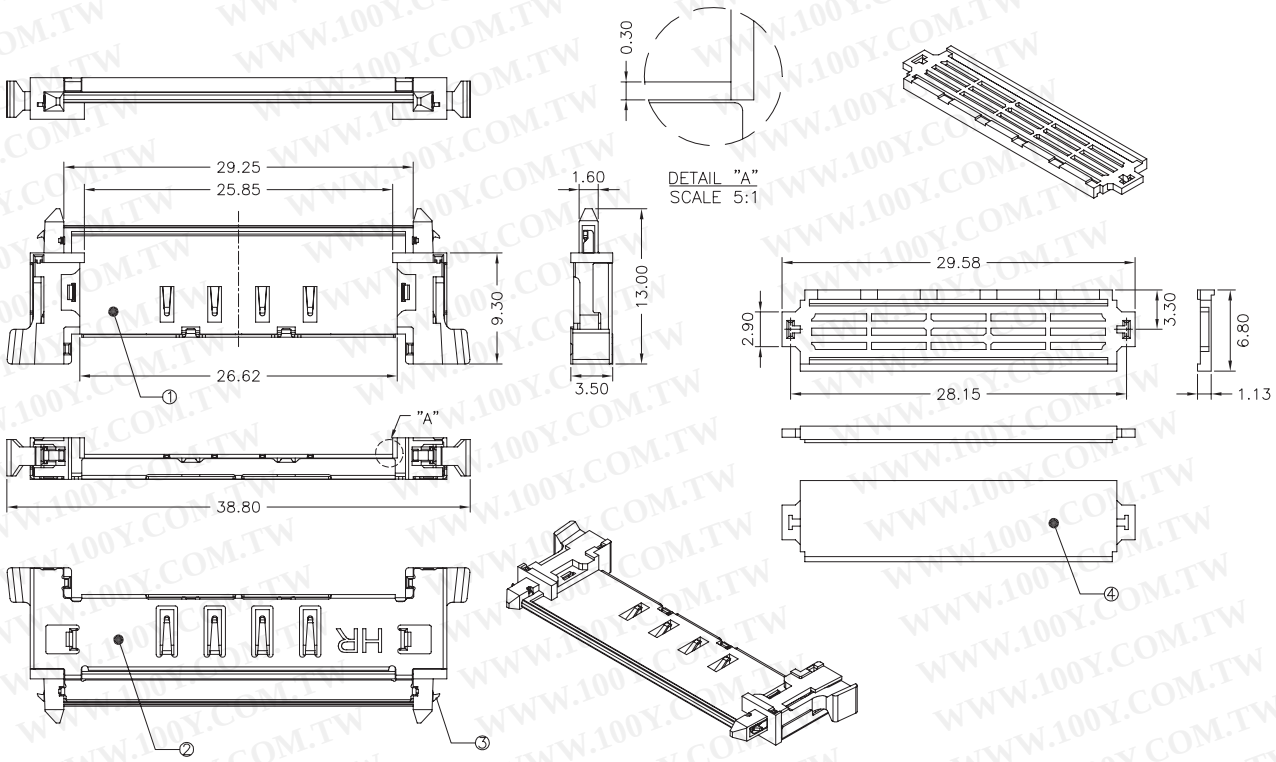
No.	Part No.	Description	Material	Color
1	F0506HA-41P	Insulator	Nylon 46,UL94V-0	Black
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	F0506HA-41P-C	Cap	Nylon 46,UL94V-0	Black
5	TCF0506HA-T-41P-QS0	Top cover	Stainless	--------

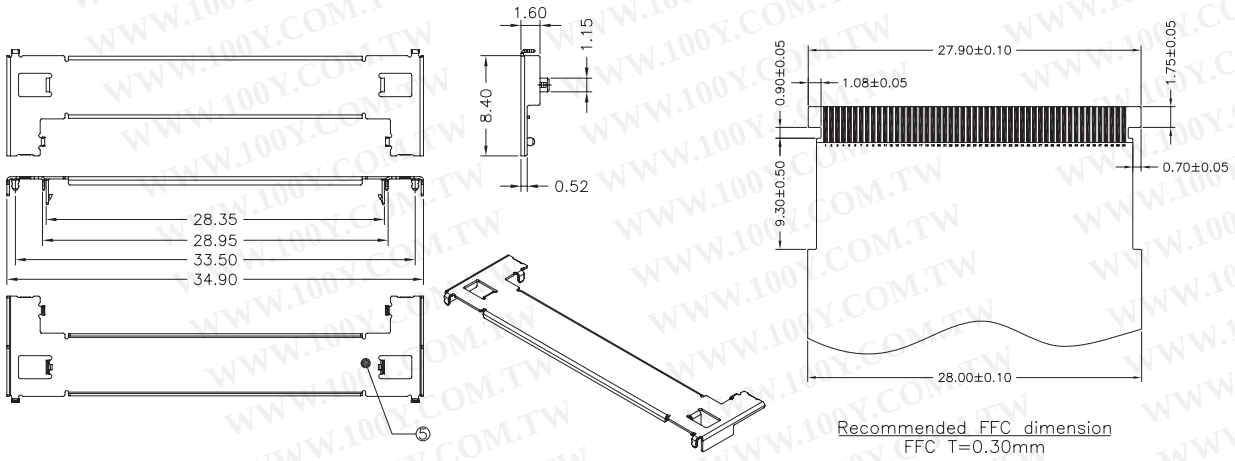
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F0506HA-51P

0.50mm pitch Connector For FFC





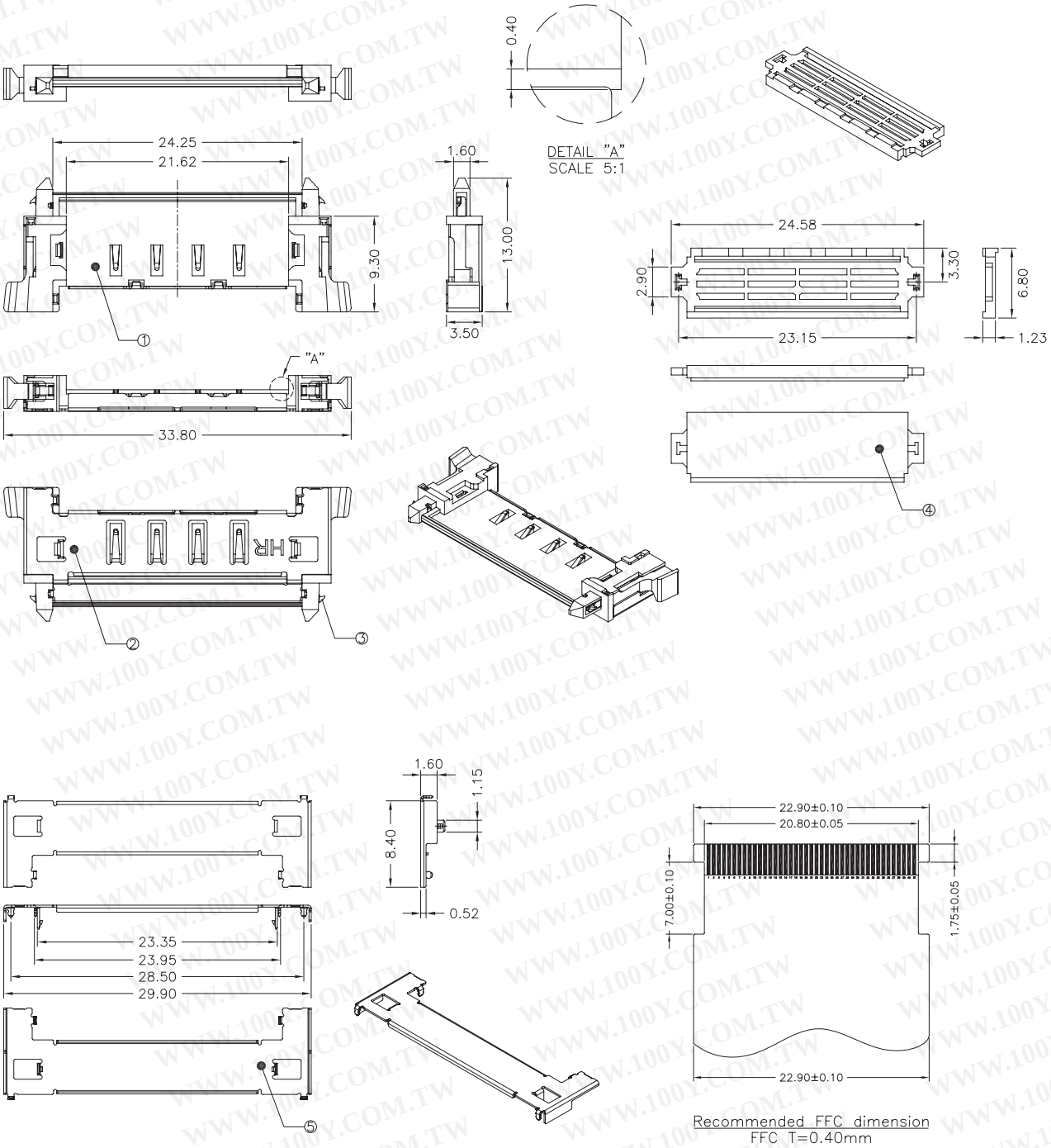
No.	Part No.	Description	Material	Color
1	F0506HA-51P	Insulator	Nylon 46,UL94V-0	Black
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	F0506HA-51P-C	Cap	Nylon 46,UL94V-0	Black
5	TCF0506HA-T-51P-QS0	Top cover	Stainless	--------

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F0506HA-41P-5

0.50mm pitch Connector For FFC



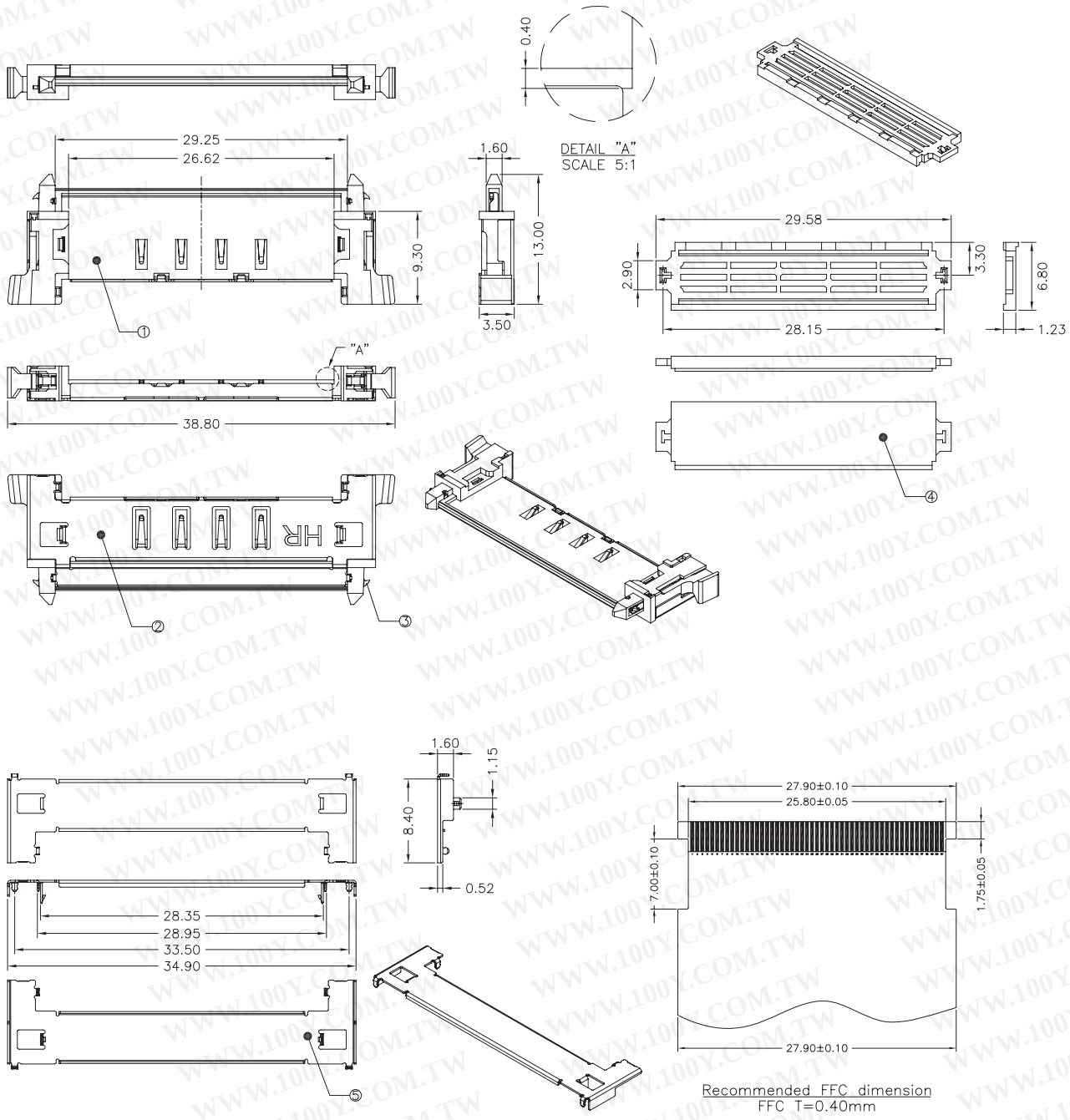
No.	Part No.	Description	Material	Color
1	F0506HA-41P-5	Insulator	Nylon 46,UL94V-0	Black
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	F0506HA-41P-C5	Cap	Nylon 46,UL94V-0	Black
5	TCF0506HA-T-41P-QS0	Top cover	Stainless	--------

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F0506HA-51P-5

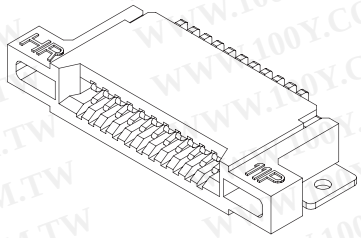
0.50mm pitch Connector For FFC



No.	Part No.	Description	Material	Color
1	F0506HA-51P-5	Insulator	Nylon 46,UL94V-0	Black
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	F0506HA-51P-C5	Cap	Nylon 46,UL94V-0	Black
5	TCF0506HA-T-51P-QS0	Top cover	Stainless	--------

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F0507 WR-S-05P

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F0507WR-S

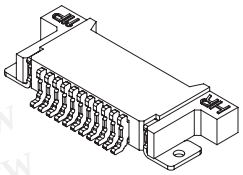
0.50mm pitch FFC/FPC 90° Connector, NON-ZIF, SMT TYPE

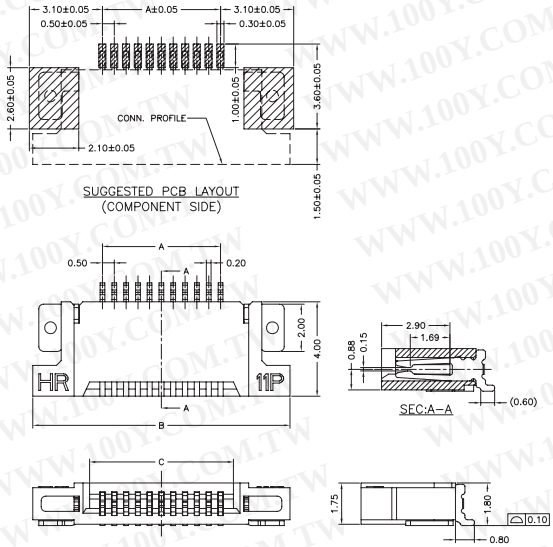
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: LCP,UL94V-0

F0507WR-S-05P N L N T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





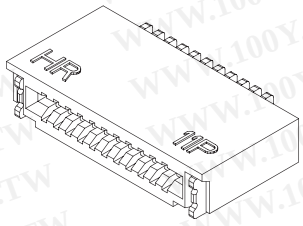
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0507WR-S-04P	1.50	7.40	2.60
F0507WR-S-05P	2.00	7.90	3.10
F0507WR-S-06P	2.50	8.40	3.60
F0507WR-S-07P	3.00	8.90	4.10
F0507WR-S-08P	3.50	9.40	4.60
F0507WR-S-09P	4.00	9.90	5.10
F0507WR-S-10P	4.50	10.40	5.60
F0507WR-S-11P	5.00	10.90	6.10
F0507WR-S-12P	5.50	11.40	6.60
F0507WR-S-13P	6.00	11.90	7.10
F0507WR-S-14P	6.50	12.40	7.60
F0507WR-S-15P	7.00	12.90	8.10
F0507WR-S-16P	7.50	13.40	8.60
F0507WR-S-17P	8.00	13.90	9.10
F0507WR-S-18P	8.50	14.40	9.60
F0507WR-S-19P	9.00	14.90	10.10
F0507WR-S-20P	9.50	15.40	10.60
F0507WR-S-21P	10.00	15.90	11.10
F0507WR-S-22P	10.50	16.40	11.60
F0507WR-S-23P	11.00	16.90	12.10
F0507WR-S-24P	11.50	17.40	12.60
F0507WR-S-25P	12.00	17.90	13.10
F0507WR-S-26P	12.50	18.40	13.60
F0507WR-S-27P	13.00	18.90	14.10

PART NO.	Dimensions		
	A	B	C
F0507WR-S-28P	13.50	19.40	14.60
F0507WR-S-29P	14.00	19.90	15.10
F0507WR-S-30P	14.50	20.40	15.60
F0507WR-S-31P	15.00	20.90	16.10
F0507WR-S-32P	15.50	21.40	16.60
F0507WR-S-33P	16.00	21.90	17.10
F0507WR-S-34P	16.50	22.40	17.60
F0507WR-S-35P	17.00	22.90	18.10
F0507WR-S-36P	17.50	23.40	18.60
F0507WR-S-37P	18.00	23.90	19.10
F0507WR-S-38P	18.50	24.40	19.60
F0507WR-S-39P	19.00	24.90	20.10
F0507WR-S-40P	19.50	25.40	20.60
F0507WR-S-41P	20.00	25.90	21.10
F0507WR-S-43P	21.00	26.90	22.10
F0507WR-S-45P	22.00	27.90	23.10
F0507WR-S-47P	23.00	28.90	24.10
F0507WR-S-49P	24.00	29.90	25.10
F0507WR-S-51P	25.00	30.90	26.10
F0507WR-S-53P	26.00	31.90	27.10
F0507WR-S-55P	27.00	32.90	28.10
F0507WR-S-57P	28.00	33.90	29.10
F0507WR-S-59P	29.00	34.90	30.10
F0507WR-S-61P	30.00	35.90	31.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F0508 WR-S-05P

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

F0508WR-S

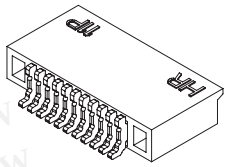
0.50mm pitch FFC/FPC 90° Connector, NON-ZIF, SMT TYPE

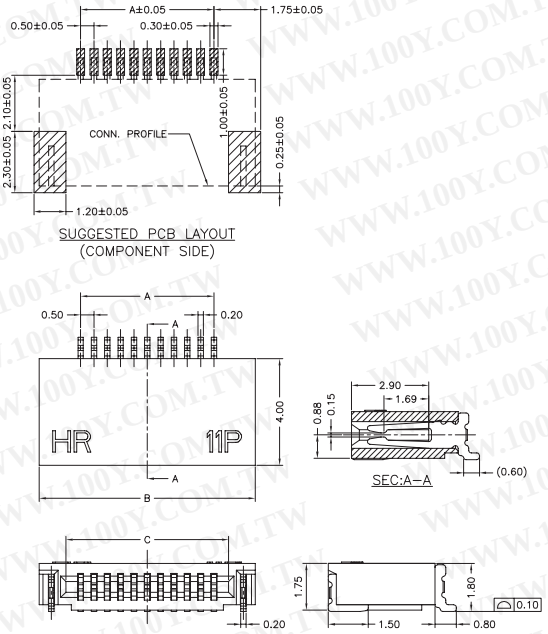
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: LCP,UL94V-0

F0508WR-S-05P N L N T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel





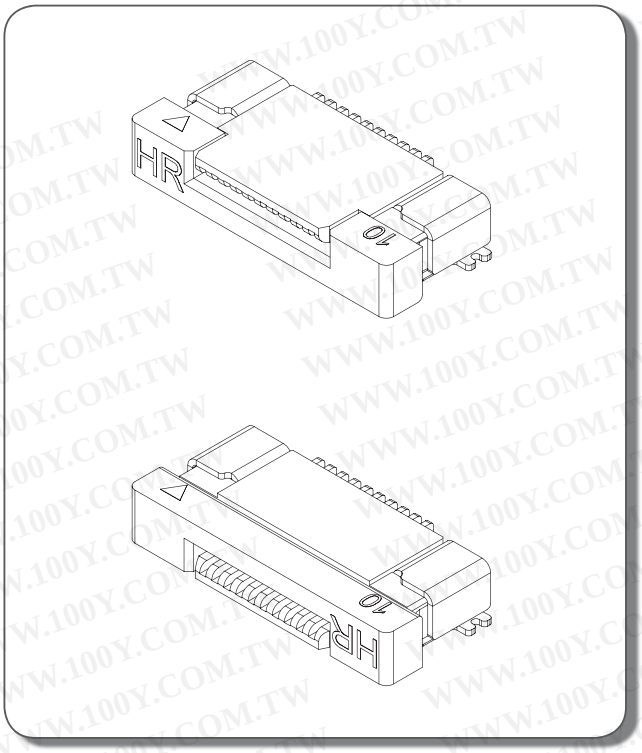
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0508WR-S-04P	1.50	4.60	2.60
F0508WR-S-05P	2.00	5.10	3.10
F0508WR-S-06P	2.50	5.60	3.60
F0508WR-S-07P	3.00	6.10	4.10
F0508WR-S-08P	3.50	6.60	4.60
F0508WR-S-09P	4.00	7.10	5.10
F0508WR-S-10P	4.50	7.60	5.60
F0508WR-S-11P	5.00	8.10	6.10
F0508WR-S-12P	5.50	8.60	6.60
F0508WR-S-13P	6.00	9.10	7.10
F0508WR-S-14P	6.50	9.60	7.60
F0508WR-S-15P	7.00	10.10	8.10
F0508WR-S-16P	7.50	10.60	8.60
F0508WR-S-17P	8.00	11.10	9.10
F0508WR-S-18P	8.50	11.60	9.60
F0508WR-S-19P	9.00	12.10	10.10
F0508WR-S-20P	9.50	12.60	10.60
F0508WR-S-21P	10.00	13.10	11.10
F0508WR-S-22P	10.50	13.60	11.60
F0508WR-S-23P	11.00	14.10	12.10
F0508WR-S-24P	11.50	14.60	12.60
F0508WR-S-25P	12.00	15.10	13.10
F0508WR-S-26P	12.50	15.60	13.60
F0508WR-S-27P	13.00	16.10	14.10
F0508WR-S-28P	13.50	16.60	14.60

PART NO.	Dimensions		
	A	B	C
F0508WR-S-29P	14.00	17.10	15.10
F0508WR-S-30P	14.50	17.60	15.60
F0508WR-S-31P	15.00	18.10	16.10
F0508WR-S-32P	15.50	18.60	16.60
F0508WR-S-33P	16.00	19.10	17.10
F0508WR-S-34P	16.50	19.60	17.60
F0508WR-S-35P	17.00	20.10	18.10
F0508WR-S-36P	17.50	20.60	18.60
F0508WR-S-37P	18.00	21.10	19.10
F0508WR-S-38P	18.50	21.60	19.60
F0508WR-S-39P	19.00	22.10	20.10
F0508WR-S-40P	19.50	22.60	20.60
F0508WR-S-41P	20.00	23.10	21.10
F0508WR-S-43P	21.00	24.10	22.10
F0508WR-S-45P	22.00	25.10	23.10
F0508WR-S-47P	23.00	26.10	24.10
F0508WR-S-49P	24.00	27.10	25.10
F0508WR-S-51P	25.00	28.10	26.10
F0508WR-S-53P	26.00	29.10	27.10
F0508WR-S-55P	27.00	30.10	28.10
F0508WR-S-57P	28.00	31.10	29.10
F0508WR-S-59P	29.00	32.10	30.10
F0508WR-S-61P	30.00	33.10	31.10
F0508WR-S-63P	31.00	34.10	32.10
F0508WR-S-65P	32.00	35.10	33.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 100MΩ Min.
Withstanding voltage: 250V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
F0509 WR-S-30P T

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
T=Top contact style
B=Bottom contact style

F0509WR-S

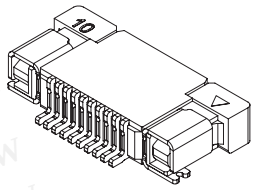
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Top Contact Style

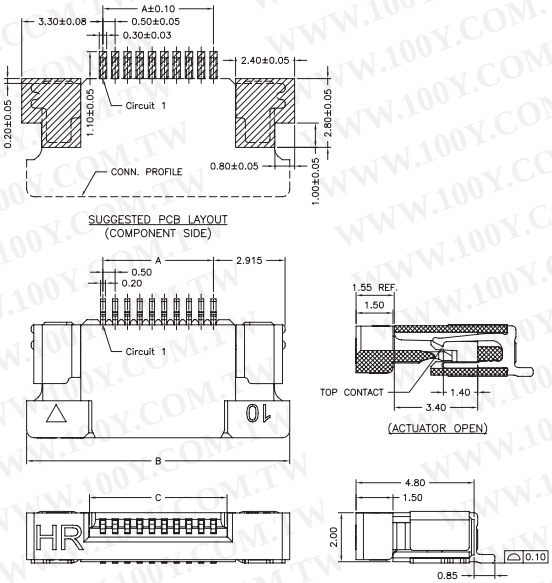
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0509WR-S-30P N L N G1 G T0 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: T0=Top contact
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0509WR-S-04PT	1.50	7.70	2.60
F0509WR-S-05PT	2.00	8.20	3.10
F0509WR-S-06PT	2.50	8.70	3.60
F0509WR-S-07PT	3.00	9.20	4.10
F0509WR-S-08PT	3.50	9.70	4.60
F0509WR-S-09PT	4.00	10.20	5.10
F0509WR-S-10PT	4.50	10.70	5.60
F0509WR-S-11PT	5.00	11.20	6.10
F0509WR-S-12PT	5.50	11.70	6.60
F0509WR-S-13PT	6.00	12.20	7.10
F0509WR-S-14PT	6.50	12.70	7.60
F0509WR-S-15PT	7.00	13.20	8.10
F0509WR-S-16PT	7.50	13.70	8.60
F0509WR-S-17PT	8.00	14.20	9.10
F0509WR-S-18PT	8.50	14.70	9.60
F0509WR-S-19PT	9.00	15.20	10.10
F0509WR-S-20PT	9.50	15.70	10.60
F0509WR-S-21PT	10.00	16.20	11.10
F0509WR-S-22PT	10.50	16.70	11.60
F0509WR-S-23PT	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0509WR-S-24PT	11.50	17.70	12.60
F0509WR-S-25PT	12.00	18.20	13.10
F0509WR-S-26PT	12.50	18.70	13.60
F0509WR-S-27PT	13.00	19.20	14.10
F0509WR-S-28PT	13.50	19.70	14.60
F0509WR-S-29PT	14.00	20.20	15.10
F0509WR-S-30PT	14.50	20.70	15.60
F0509WR-S-31PT	15.00	21.20	16.10
F0509WR-S-32PT	15.50	21.70	16.60
F0509WR-S-33PT	16.00	22.20	17.10
F0509WR-S-34PT	16.50	22.70	17.60
F0509WR-S-35PT	17.00	23.20	18.10
F0509WR-S-36PT	17.50	23.70	18.60
F0509WR-S-37PT	18.00	24.20	19.10
F0509WR-S-38PT	18.50	24.70	19.60
F0509WR-S-39PT	19.00	25.20	20.10
F0509WR-S-40PT	19.50	25.70	20.60
F0509WR-S-45PT	22.00	28.20	23.10
F0509WR-S-50PT	24.50	30.70	25.60

Unit:mm

F0509WR-S

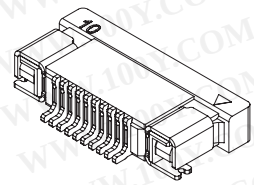
0.50mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

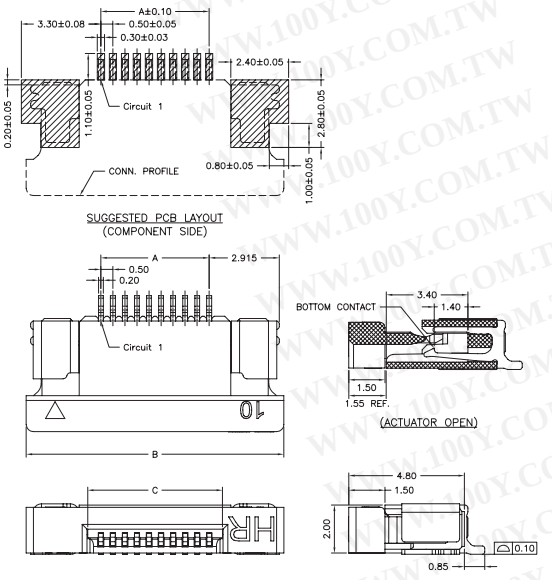
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F0509WR-S-30P N L N G1 G B0 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: B0=Bottom contact
⑦ Packing code: R=Tape & Reel





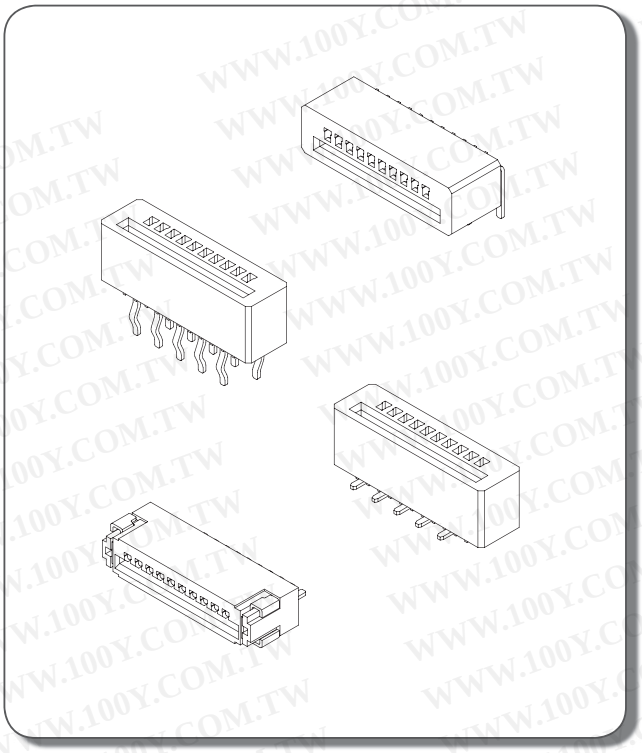
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F0509WR-S-04PB	1.50	7.70	2.60
F0509WR-S-05PB	2.00	8.20	3.10
F0509WR-S-06PB	2.50	8.70	3.60
F0509WR-S-07PB	3.00	9.20	4.10
F0509WR-S-08PB	3.50	9.70	4.60
F0509WR-S-09PB	4.00	10.20	5.10
F0509WR-S-10PB	4.50	10.70	5.60
F0509WR-S-11PB	5.00	11.20	6.10
F0509WR-S-12PB	5.50	11.70	6.60
F0509WR-S-13PB	6.00	12.20	7.10
F0509WR-S-14PB	6.50	12.70	7.60
F0509WR-S-15PB	7.00	13.20	8.10
F0509WR-S-16PB	7.50	13.70	8.60
F0509WR-S-17PB	8.00	14.20	9.10
F0509WR-S-18PB	8.50	14.70	9.60
F0509WR-S-19PB	9.00	15.20	10.10
F0509WR-S-20PB	9.50	15.70	10.60
F0509WR-S-21PB	10.00	16.20	11.10
F0509WR-S-22PB	10.50	16.70	11.60
F0509WR-S-23PB	11.00	17.20	12.10

PART NO.	Dimensions		
	A	B	C
F0509WR-S-24PB	11.50	17.70	12.60
F0509WR-S-25PB	12.00	18.20	13.10
F0509WR-S-26PB	12.50	18.70	13.60
F0509WR-S-27PB	13.00	19.20	14.10
F0509WR-S-28PB	13.50	19.70	14.60
F0509WR-S-29PB	14.00	20.20	15.10
F0509WR-S-30PB	14.50	20.70	15.60
F0509WR-S-31PB	15.00	21.20	16.10
F0509WR-S-32PB	15.50	21.70	16.60
F0509WR-S-33PB	16.00	22.20	17.10
F0509WR-S-34PB	16.50	22.70	17.60
F0509WR-S-35PB	17.00	23.20	18.10
F0509WR-S-36PB	17.50	23.70	18.60
F0509WR-S-37PB	18.00	24.20	19.10
F0509WR-S-38PB	18.50	24.70	19.60
F0509WR-S-39PB	19.00	25.20	20.10
F0509WR-S-40PB	19.50	25.70	20.60
F0509WR-S-45PB	22.00	28.20	23.10
F0509WR-S-50PB	24.50	30.70	25.60

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F1000 WV – S – 05P

❶ Series No.
❷ Connector type: WV=Vertical
❸ Mounting type: Blank=Through hole
-S=SMT without boss
❹ No. of circuits

❶ ❷ ❸ ❹ ❺
F1000 WR -S – 05P T

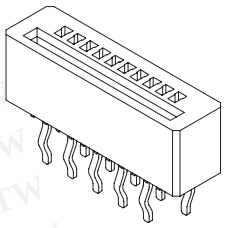
❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: Blank=Through hole
-S=SMT without boss
❹ No. of circuits
❺ Option code:
T=Top contact style

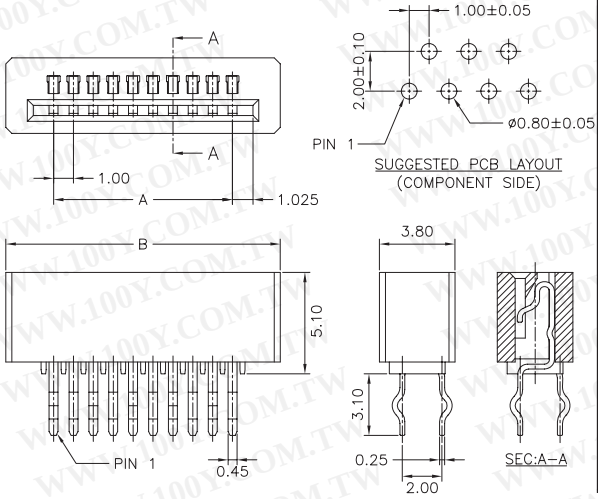
F1000WV

1.00mm pitch FFC/FPC 180° Connector, NON-ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
F1000WV-04P	3.00	7.80	F1000WV-20P	19.00	23.80
F1000WV-05P	4.00	8.80	F1000WV-21P	20.00	24.80
F1000WV-06P	5.00	9.80	F1000WV-22P	21.00	25.80
F1000WV-07P	6.00	10.80	F1000WV-23P	22.00	26.80
F1000WV-08P	7.00	11.80	F1000WV-24P	23.00	27.80
F1000WV-09P	8.00	12.80	F1000WV-25P	24.00	28.80
F1000WV-10P	9.00	13.80	F1000WV-26P	25.00	29.80
F1000WV-11P	10.00	14.80	F1000WV-27P	26.00	30.80
F1000WV-12P	11.00	15.80	F1000WV-28P	27.00	31.80
F1000WV-13P	12.00	16.80	F1000WV-29P	28.00	32.80
F1000WV-14P	13.00	17.80	F1000WV-30P	29.00	33.80
F1000WV-15P	14.00	18.80	F1000WV-31P	30.00	34.80
F1000WV-16P	15.00	19.80	F1000WV-32P	31.00	35.80
F1000WV-17P	16.00	20.80	F1000WV-33P	32.00	36.80
F1000WV-18P	17.00	21.80	F1000WV-34P	33.00	37.80
F1000WV-19P	18.00	22.80			

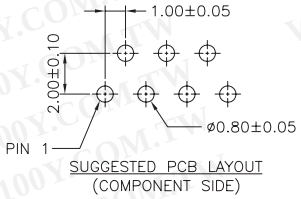
Unit:mm

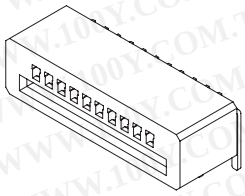
F1000WR

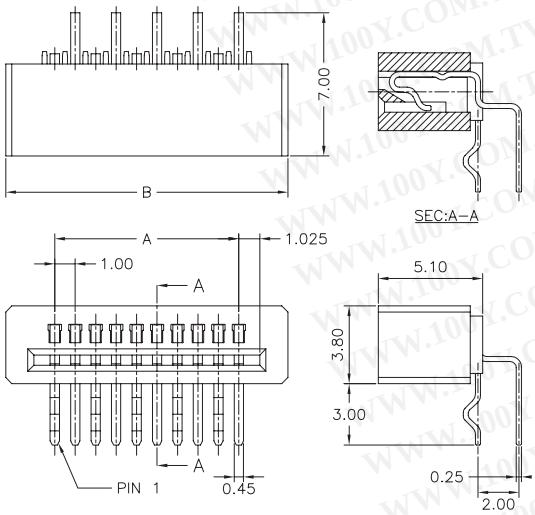
1.00mm pitch FFC/FPC 90° Connector, NON-ZIF,
Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0







Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
F1000WR-04PT	3.00	7.80	F1000WR-20PT	19.00	23.80
F1000WR-05PT	4.00	8.80	F1000WR-21PT	20.00	24.80
F1000WR-06PT	5.00	9.80	F1000WR-22PT	21.00	25.80
F1000WR-07PT	6.00	10.80	F1000WR-23PT	22.00	26.80
F1000WR-08PT	7.00	11.80	F1000WR-24PT	23.00	27.80
F1000WR-09PT	8.00	12.80	F1000WR-25PT	24.00	28.80
F1000WR-10PT	9.00	13.80	F1000WR-26PT	25.00	29.80
F1000WR-11PT	10.00	14.80	F1000WR-27PT	26.00	30.80
F1000WR-12PT	11.00	15.80	F1000WR-28PT	27.00	31.80
F1000WR-13PT	12.00	16.80	F1000WR-29PT	28.00	32.80
F1000WR-14PT	13.00	17.80	F1000WR-30PT	29.00	33.80
F1000WR-15PT	14.00	18.80	F1000WR-31PT	30.00	34.80
F1000WR-16PT	15.00	19.80	F1000WR-32PT	31.00	35.80
F1000WR-17PT	16.00	20.80	F1000WR-33PT	32.00	36.80
F1000WR-18PT	17.00	21.80	F1000WR-34PT	33.00	37.80
F1000WR-19PT	18.00	22.80			

Unit:mm

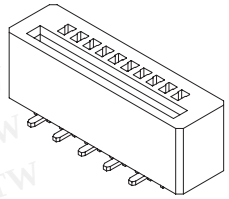
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

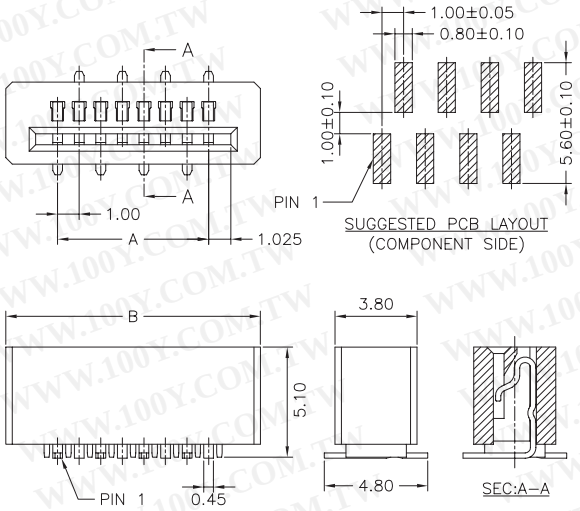
F1000WV-S

1.00mm pitch FFC/FPC 180° Connector, NON-ZIF, SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1000WV-S-04P	3.00	7.80
F1000WV-S-05P	4.00	8.80
F1000WV-S-06P	5.00	9.80
F1000WV-S-07P	6.00	10.80
F1000WV-S-08P	7.00	11.80
F1000WV-S-09P	8.00	12.80
F1000WV-S-10P	9.00	13.80
F1000WV-S-11P	10.00	14.80
F1000WV-S-12P	11.00	15.80
F1000WV-S-13P	12.00	16.80
F1000WV-S-14P	13.00	17.80
F1000WV-S-15P	14.00	18.80
F1000WV-S-16P	15.00	19.80
F1000WV-S-17P	16.00	20.80
F1000WV-S-18P	17.00	21.80
F1000WV-S-19P	18.00	22.80

PART NO.	Dimensions	
	A	B
F1000WV-S-20P	19.00	23.80
F1000WV-S-21P	20.00	24.80
F1000WV-S-22P	21.00	25.80
F1000WV-S-23P	22.00	26.80
F1000WV-S-24P	23.00	27.80
F1000WV-S-25P	24.00	28.80
F1000WV-S-26P	25.00	29.80
F1000WV-S-27P	26.00	30.80
F1000WV-S-28P	27.00	31.80
F1000WV-S-29P	28.00	32.80
F1000WV-S-30P	29.00	33.80
F1000WV-S-31P	30.00	34.80
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F1000WV-S-33P	32.00	36.80
F1000WV-S-34P	33.00	37.80

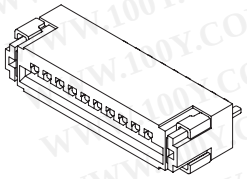
Unit:mm

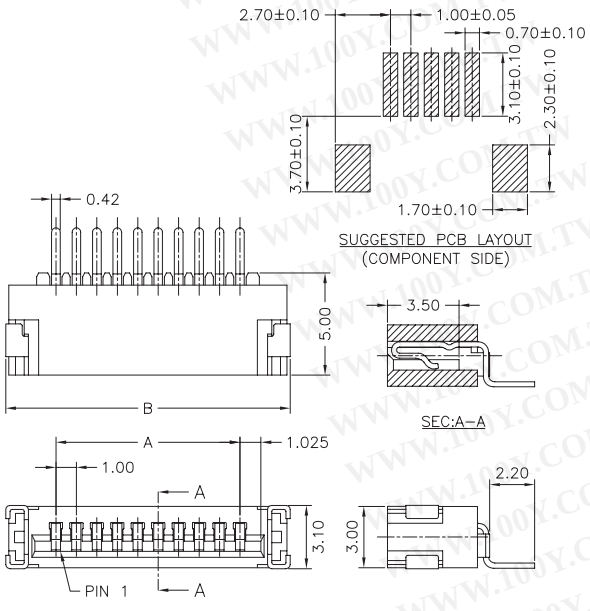
F1000WR-S

1.00mm pitch FFC/FPC 90° Connector, NON-ZIF, SMT TYPE, Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: Nylon 9T,UL94V-0





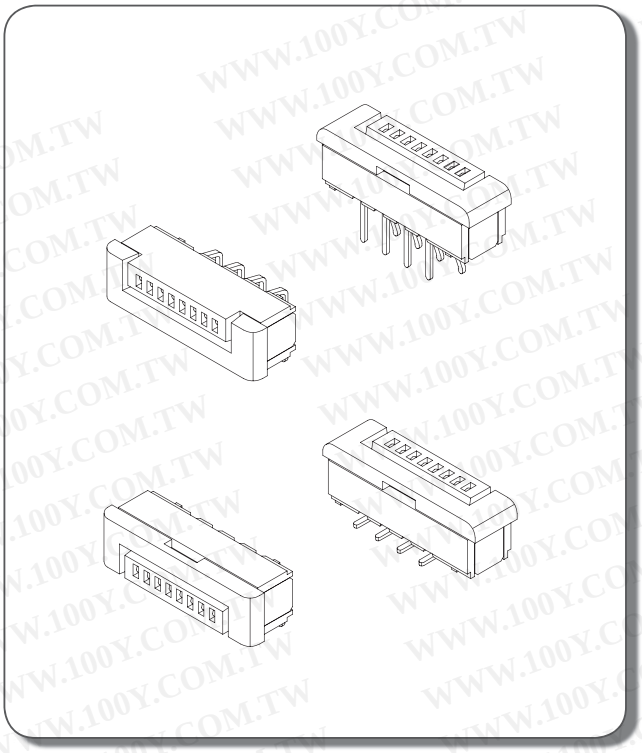
Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1000WR-S-03PT	2.00	6.90
F1000WR-S-04PT	3.00	7.90
F1000WR-S-05PT	4.00	8.90
F1000WR-S-06PT	5.00	9.90
F1000WR-S-07PT	6.00	10.90
F1000WR-S-08PT	7.00	11.90
F1000WR-S-09PT	8.00	12.90
F1000WR-S-10PT	9.00	13.90
F1000WR-S-11PT	10.00	14.90
F1000WR-S-12PT	11.00	15.90
F1000WR-S-13PT	12.00	16.90
F1000WR-S-14PT	13.00	17.90
F1000WR-S-15PT	14.00	18.90
F1000WR-S-16PT	15.00	19.90
F1000WR-S-17PT	16.00	20.90
F1000WR-S-18PT	17.00	21.90

PART NO.	Dimensions	
	A	B
F1000WR-S-19PT	18.00	22.90
F1000WR-S-20PT	19.00	23.90
F1000WR-S-21PT	20.00	24.90
F1000WR-S-22PT	21.00	25.90
F1000WR-S-23PT	22.00	26.90
F1000WR-S-24PT	23.00	27.90
F1000WR-S-25PT	24.00	28.90
F1000WR-S-26PT	25.00	29.90
F1000WR-S-27PT	26.00	30.90
F1000WR-S-28PT	27.00	31.90
F1000WR-S-29PT	28.00	32.90
F1000WR-S-30PT	29.00	33.90
F1000WR-S-31PT	30.00	34.90
F1000WR-S-32PT	31.00	35.90
F1000WR-S-33PT	32.00	36.90
F1000WR-S-34PT	33.00	37.90

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F1002 WV -S -05P

❶ Series No.
❷ Connector type: WV=Vertical
❸ Mounting type: Blank=Through hole
-S=SMT without boss
❹ No. of circuits

❶ ❷ ❸ ❹
F1002 WR -05P T

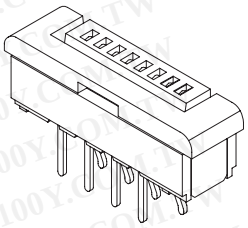
❶ Series No.
❷ Connector type: WR=Right angle
❸ No. of circuits
❹ Option code:
T=Top contact style
B=Bottom contact style

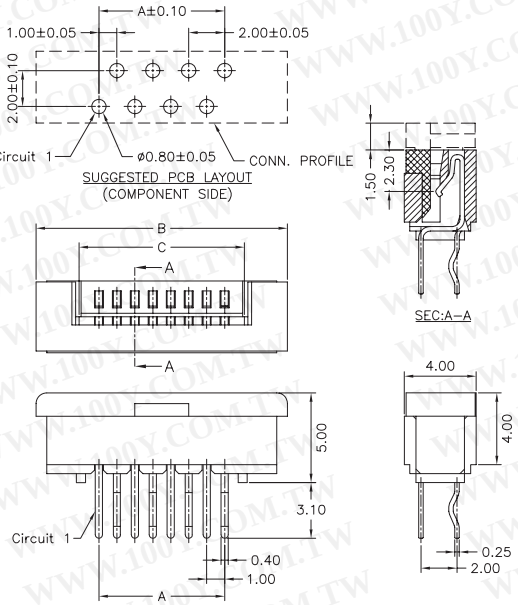
F1002WV

1.00mm pitch FFC/FPC 180° Connector, ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Housing: Nylon 46,UL94V-0
Actuator: Nylon 46,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1002WV-04P	3.00	10.00	5.20
F1002WV-05P	4.00	11.00	6.20
F1002WV-06P	5.00	12.00	7.20
F1002WV-07P	6.00	13.00	8.20
F1002WV-08P	7.00	14.00	9.20
F1002WV-09P	8.00	15.00	10.20
F1002WV-10P	9.00	16.00	11.20
F1002WV-11P	10.00	17.00	12.20
F1002WV-12P	11.00	18.00	13.20
F1002WV-13P	12.00	19.00	14.20
F1002WV-14P	13.00	20.00	15.20
F1002WV-15P	14.00	21.00	16.20
F1002WV-16P	15.00	22.00	17.20
F1002WV-17P	16.00	23.00	18.20
F1002WV-18P	17.00	24.00	19.20

PART NO.	Dimensions		
	A	B	C
F1002WV-19P	18.00	25.00	20.20
F1002WV-20P	19.00	26.00	21.20
F1002WV-21P	20.00	27.00	22.20
F1002WV-22P	21.00	28.00	23.20
F1002WV-23P	22.00	29.00	24.20
F1002WV-24P	23.00	30.00	25.20
F1002WV-25P	24.00	31.00	26.20
F1002WV-26P	25.00	32.00	27.20
F1002WV-27P	26.00	33.00	28.20
F1002WV-28P	27.00	34.00	29.20
F1002WV-29P	28.00	35.00	30.20
F1002WV-30P	29.00	36.00	31.20
F1002WV-31P	30.00	37.00	32.20
F1002WV-32P	31.00	38.00	33.20

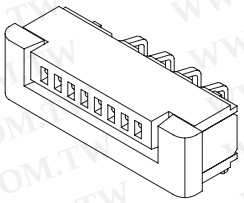
Unit:mm

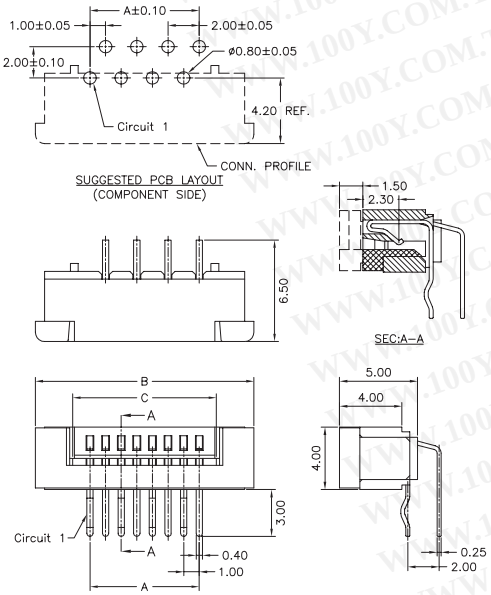
F1002WR

1.00mm pitch FFC/FPC 90° Connector, ZIF,
Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Housing: Nylon 46,UL94V-0
Actuator: Nylon 46,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1002WR-04PT	3.00	10.00	5.20
F1002WR-05PT	4.00	11.00	6.20
F1002WR-06PT	5.00	12.00	7.20
F1002WR-07PT	6.00	13.00	8.20
F1002WR-08PT	7.00	14.00	9.20
F1002WR-09PT	8.00	15.00	10.20
F1002WR-10PT	9.00	16.00	11.20
F1002WR-11PT	10.00	17.00	12.20
F1002WR-12PT	11.00	18.00	13.20
F1002WR-13PT	12.00	19.00	14.20
F1002WR-14PT	13.00	20.00	15.20
F1002WR-15PT	14.00	21.00	16.20
F1002WR-16PT	15.00	22.00	17.20
F1002WR-17PT	16.00	23.00	18.20
F1002WR-18PT	17.00	24.00	19.20

PART NO.	Dimensions		
	A	B	C
F1002WR-19PT	18.00	25.00	20.20
F1002WR-20PT	19.00	26.00	21.20
F1002WR-21PT	20.00	27.00	22.20
F1002WR-22PT	21.00	28.00	23.20
F1002WR-23PT	22.00	29.00	24.20
F1002WR-24PT	23.00	30.00	25.20
F1002WR-25PT	24.00	31.00	26.20
F1002WR-26PT	25.00	32.00	27.20
F1002WR-27PT	26.00	33.00	28.20
F1002WR-28PT	27.00	34.00	29.20
F1002WR-29PT	28.00	35.00	30.20
F1002WR-30PT	29.00	36.00	31.20
F1002WR-31PT	30.00	37.00	32.20
F1002WR-32PT	31.00	38.00	33.20

Unit:mm

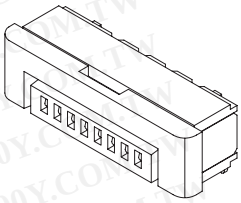
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

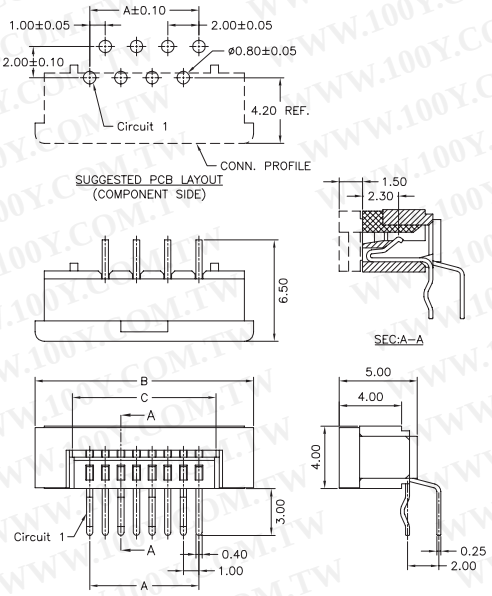
F1002WR

1.00mm pitch FFC/FPC 90° Connector, ZIF, Bottom Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Housing: Nylon 46,UL94V-0
Actuator: Nylon 46,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1002WR-04PB	3.00	10.00	5.20
F1002WR-05PB	4.00	11.00	6.20
F1002WR-06PB	5.00	12.00	7.20
F1002WR-07PB	6.00	13.00	8.20
F1002WR-08PB	7.00	14.00	9.20
F1002WR-09PB	8.00	15.00	10.20
F1002WR-10PB	9.00	16.00	11.20
F1002WR-11PB	10.00	17.00	12.20
F1002WR-12PB	11.00	18.00	13.20
F1002WR-13PB	12.00	19.00	14.20
F1002WR-14PB	13.00	20.00	15.20
F1002WR-15PB	14.00	21.00	16.20
F1002WR-16PB	15.00	22.00	17.20
F1002WR-17PB	16.00	23.00	18.20
F1002WR-18PB	17.00	24.00	19.20

PART NO.	Dimensions		
	A	B	C
F1002WR-19PB	18.00	25.00	20.20
F1002WR-20PB	19.00	26.00	21.20
F1002WR-21PB	20.00	27.00	22.20
F1002WR-22PB	21.00	28.00	23.20
F1002WR-23PB	22.00	29.00	24.20
F1002WR-24PB	23.00	30.00	25.20
F1002WR-25PB	24.00	31.00	26.20
F1002WR-26PB	25.00	32.00	27.20
F1002WR-27PB	26.00	33.00	28.20
F1002WR-28PB	27.00	34.00	29.20
F1002WR-29PB	28.00	35.00	30.20
F1002WR-30PB	29.00	36.00	31.20
F1002WR-31PB	30.00	37.00	32.20
F1002WR-32PB	31.00	38.00	33.20

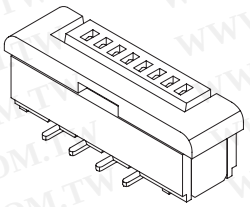
Unit:mm

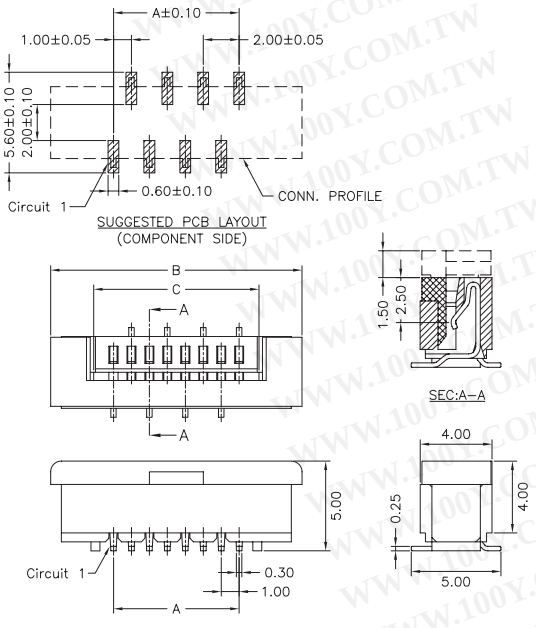
F1002WV-S

1.00mm pitch FFC/FPC 180° Connector, ZIF, SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Housing: Nylon 46,UL94V-0
Actuator: Nylon 46,UL94V-0





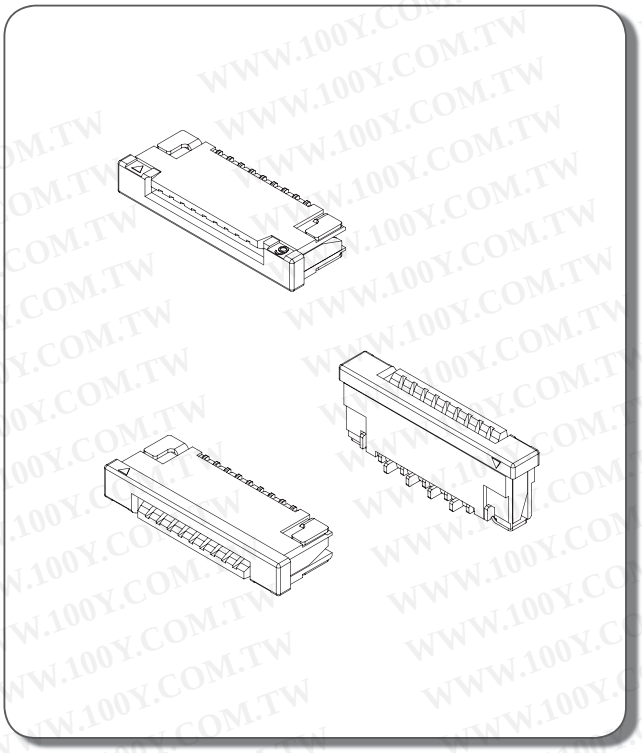
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1002WV-S-04P	3.00	10.00	5.20
F1002WV-S-05P	4.00	11.00	6.20
F1002WV-S-06P	5.00	12.00	7.20
F1002WV-S-07P	6.00	13.00	8.20
F1002WV-S-08P	7.00	14.00	9.20
F1002WV-S-09P	8.00	15.00	10.20
F1002WV-S-10P	9.00	16.00	11.20
F1002WV-S-11P	10.00	17.00	12.20
F1002WV-S-12P	11.00	18.00	13.20
F1002WV-S-13P	12.00	19.00	14.20
F1002WV-S-14P	13.00	20.00	15.20
F1002WV-S-15P	14.00	21.00	16.20
F1002WV-S-16P	15.00	22.00	17.20
F1002WV-S-17P	16.00	23.00	18.20
F1002WV-S-18P	17.00	24.00	19.20

PART NO.	Dimensions		
	A	B	C
F1002WV-S-19P	18.00	25.00	20.20
F1002WV-S-20P	19.00	26.00	21.20
F1002WV-S-21P	20.00	27.00	22.20
F1002WV-S-22P	21.00	28.00	23.20
F1002WV-S-23P	22.00	29.00	24.20
F1002WV-S-24P	23.00	30.00	25.20
F1002WV-S-25P	24.00	31.00	26.20
F1002WV-S-26P	25.00	32.00	27.20
F1002WV-S-27P	26.00	33.00	28.20
F1002WV-S-28P	27.00	34.00	29.20
F1002WV-S-29P	28.00	35.00	30.20
F1002WV-S-30P	29.00	36.00	31.20
F1002WV-S-31P	30.00	37.00	32.20
F1002WV-S-32P	31.00	38.00	33.20

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ F1003 ❷ WR – ❸ S – ❹ 30P ❺ DT1

❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
T=Top contact style
B=Bottom contact style
D01=Gold-flash, Taping reel(Vertical type)
DT1=Gold-flash, Taping reel, Top contact style
DB1=Gold-flash, Taping reel, Bottom contact style

F1003WV-S

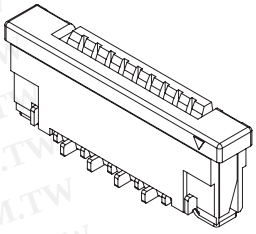
1.00mm pitch FFC/FPC 180° Connector, ZIF, SMT TYPE

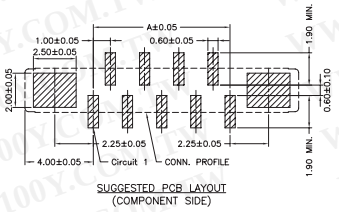
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

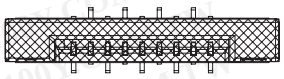
F1003WV-S-30P N L N T1 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)

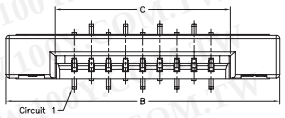


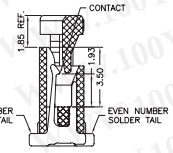


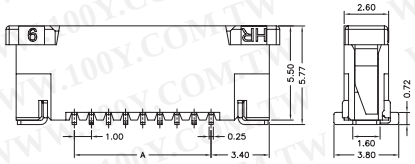
SUGGESTED PCB LAYOUT
(COMPONENT SIDE)



KAPTON TAPE
(FOR PICK AND PLACE SYSTEMS)







Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F1003WV-S-04P	3.00	11.00	5.25	F1003WV-S-20P	19.00	27.00	21.25
F1003WV-S-05P	4.00	12.00	6.25	F1003WV-S-21P	20.00	28.00	22.25
F1003WV-S-06P	5.00	13.00	7.25	F1003WV-S-22P	21.00	29.00	23.25
F1003WV-S-07P	6.00	14.00	8.25	F1003WV-S-23P	22.00	30.00	24.25
F1003WV-S-08P	7.00	15.00	9.25	F1003WV-S-24P	23.00	31.00	25.25
F1003WV-S-09P	8.00	16.00	10.25	F1003WV-S-25P	24.00	32.00	26.25
F1003WV-S-10P	9.00	17.00	11.25	F1003WV-S-26P	25.00	33.00	27.25
F1003WV-S-11P	10.00	18.00	12.25	F1003WV-S-27P	26.00	34.00	28.25
F1003WV-S-12P	11.00	19.00	13.25	F1003WV-S-28P	27.00	35.00	29.25
F1003WV-S-13P	12.00	20.00	14.25	F1003WV-S-29P	28.00	36.00	30.25
F1003WV-S-14P	13.00	21.00	15.25	F1003WV-S-30P	29.00	37.00	31.25
F1003WV-S-15P	14.00	22.00	16.25	F1003WV-S-31P	30.00	38.00	32.25
F1003WV-S-16P	15.00	23.00	17.25	F1003WV-S-32P	31.00	39.00	33.25
F1003WV-S-17P	16.00	24.00	18.25	F1003WV-S-33P	32.00	40.00	34.25
F1003WV-S-18P	17.00	25.00	19.25	F1003WV-S-34P	33.00	41.00	35.25
F1003WV-S-19P	18.00	26.00	20.25				

Unit:mm

F1003WR-S

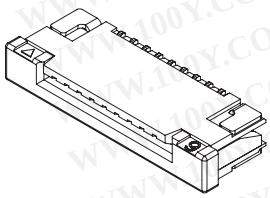
1.00mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE,
Top Contact Style

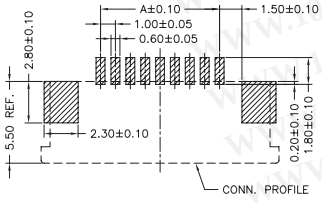
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

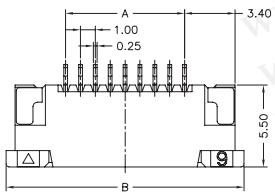
F1003WR-S-30P N L N T1 T T0 R
① ② ③ ④ ⑤ ⑥ ⑦

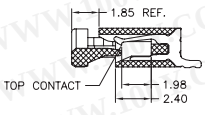
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: T0=Top contact
⑦ Packing code: R=Tape & Reel

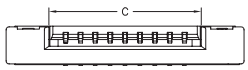


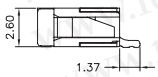


SUGGESTED PCB LAYOUT
(COMPONENT SIDE)









Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F1003WR-S-04PT	3.00	11.00	5.25	F1003WR-S-20PT	19.00	27.00	21.25
F1003WR-S-05PT	4.00	12.00	6.25	F1003WR-S-21PT	20.00	28.00	22.25
F1003WR-S-06PT	5.00	13.00	7.25	F1003WR-S-22PT	21.00	29.00	23.25
F1003WR-S-07PT	6.00	14.00	8.25	F1003WR-S-23PT	22.00	30.00	24.25
F1003WR-S-08PT	7.00	15.00	9.25	F1003WR-S-24PT	23.00	31.00	25.25
F1003WR-S-09PT	8.00	16.00	10.25	F1003WR-S-25PT	24.00	32.00	26.25
F1003WR-S-10PT	9.00	17.00	11.25	F1003WR-S-26PT	25.00	33.00	27.25
F1003WR-S-11PT	10.00	18.00	12.25	F1003WR-S-27PT	26.00	34.00	28.25
F1003WR-S-12PT	11.00	19.00	13.25	F1003WR-S-28PT	27.00	35.00	29.25
F1003WR-S-13PT	12.00	20.00	14.25	F1003WR-S-29PT	28.00	36.00	30.25
F1003WR-S-14PT	13.00	21.00	15.25	F1003WR-S-30PT	29.00	37.00	31.25
F1003WR-S-15PT	14.00	22.00	16.25	F1003WR-S-31PT	30.00	38.00	32.25
F1003WR-S-16PT	15.00	23.00	17.25	F1003WR-S-32PT	31.00	39.00	33.25
F1003WR-S-17PT	16.00	24.00	18.25	F1003WR-S-33PT	32.00	40.00	34.25
F1003WR-S-18PT	17.00	25.00	19.25	F1003WR-S-34PT	33.00	41.00	35.25
F1003WR-S-19PT	18.00	26.00	20.25				

Unit:mm

F1003WR-S

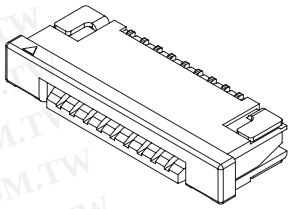
1.00mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

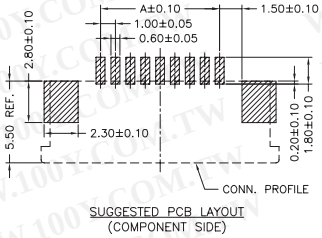
Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

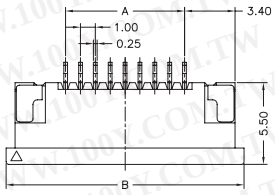
F1003WR-S-30P N L N T1 T B0 R
① ② ③ ④ ⑤ ⑥ ⑦

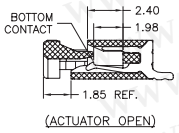
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated, G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: B0=Bottom contact
⑦ Packing code: R=Tape & Reel



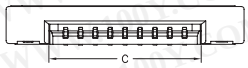


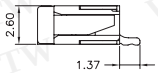
SUGGESTED PCB LAYOUT
(COMPONENT SIDE)





(ACTUATOR OPEN)



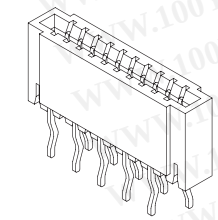


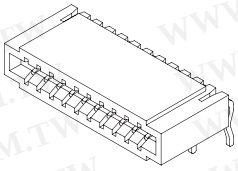
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1003WR-S-04PB	3.00	11.00	5.25
F1003WR-S-05PB	4.00	12.00	6.25
F1003WR-S-06PB	5.00	13.00	7.25
F1003WR-S-07PB	6.00	14.00	8.25
F1003WR-S-08PB	7.00	15.00	9.25
F1003WR-S-09PB	8.00	16.00	10.25
F1003WR-S-10PB	9.00	17.00	11.25
F1003WR-S-11PB	10.00	18.00	12.25
F1003WR-S-12PB	11.00	19.00	13.25
F1003WR-S-13PB	12.00	20.00	14.25
F1003WR-S-14PB	13.00	21.00	15.25
F1003WR-S-15PB	14.00	22.00	16.25
F1003WR-S-16PB	15.00	23.00	17.25
F1003WR-S-17PB	16.00	24.00	18.25
F1003WR-S-18PB	17.00	25.00	19.25
F1003WR-S-19PB	18.00	26.00	20.25

PART NO.	Dimensions		
	A	B	C
F1003WR-S-20PB	19.00	27.00	21.25
F1003WR-S-21PB	20.00	28.00	22.25
F1003WR-S-22PB	21.00	29.00	23.25
F1003WR-S-23PB	22.00	30.00	24.25
F1003WR-S-24PB	23.00	31.00	25.25
F1003WR-S-25PB	24.00	32.00	26.25
F1003WR-S-26PB	25.00	33.00	27.25
F1003WR-S-27PB	26.00	34.00	28.25
F1003WR-S-28PB	27.00	35.00	29.25
F1003WR-S-29PB	28.00	36.00	30.25
F1003WR-S-30PB	29.00	37.00	31.25
F1003WR-S-31PB	30.00	38.00	32.25
F1003WR-S-32PB	31.00	39.00	33.25
F1003WR-S-33PB	32.00	40.00	34.25
F1003WR-S-34PB	33.00	41.00	35.25

Unit:mm





Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸
F1004 WV − 05P

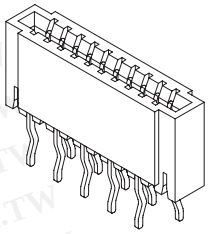
❶ Series No.
❷ Connector type: WV=Vertical, WR=Right angle
❸ No. of circuits

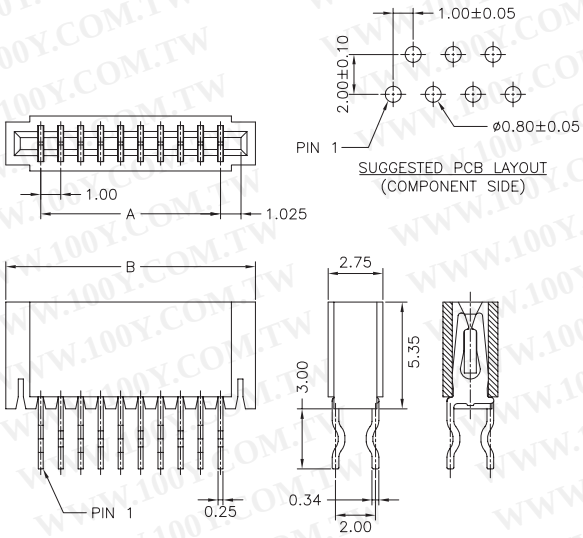
F1004WV

1.00mm pitch FFC/FPC 180° Connector, NON-ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
F1004WV-04P	3.00	6.50	F1004WV-20P	19.00	22.50
F1004WV-05P	4.00	7.50	F1004WV-21P	20.00	23.50
F1004WV-06P	5.00	8.50	F1004WV-22P	21.00	24.50
F1004WV-07P	6.00	9.50	F1004WV-23P	22.00	25.50
F1004WV-08P	7.00	10.50	F1004WV-24P	23.00	26.50
F1004WV-09P	8.00	11.50	F1004WV-25P	24.00	27.50
F1004WV-10P	9.00	12.50	F1004WV-26P	25.00	28.50
F1004WV-11P	10.00	13.50	F1004WV-27P	26.00	29.50
F1004WV-12P	11.00	14.50	F1004WV-28P	27.00	30.50
F1004WV-13P	12.00	15.50	F1004WV-29P	28.00	31.50
F1004WV-14P	13.00	16.50	F1004WV-30P	29.00	32.50
F1004WV-15P	14.00	17.50	F1004WV-31P	30.00	33.50
F1004WV-16P	15.00	18.50	F1004WV-32P	31.00	34.50
F1004WV-17P	16.00	19.50	F1004WV-33P	32.00	35.50
F1004WV-18P	17.00	20.50	F1004WV-34P	33.00	36.50
F1004WV-19P	18.00	21.50			

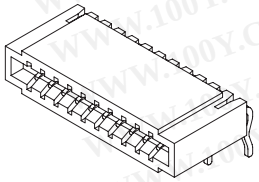
Unit:mm

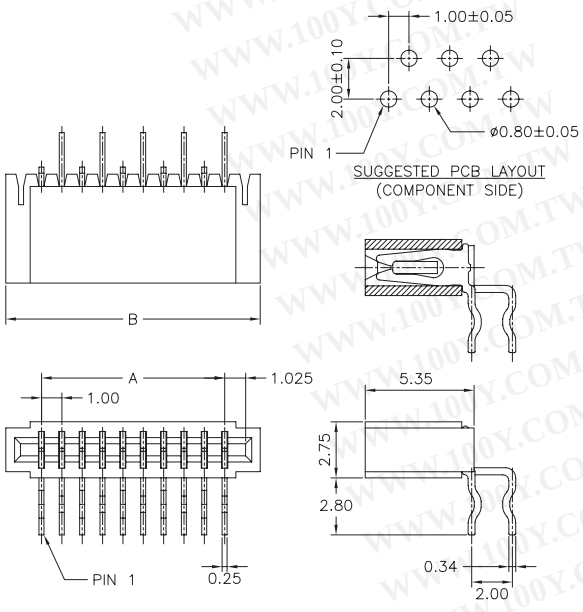
F1004WR

1.00mm pitch FFC/FPC 90° Connector, NON-ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0



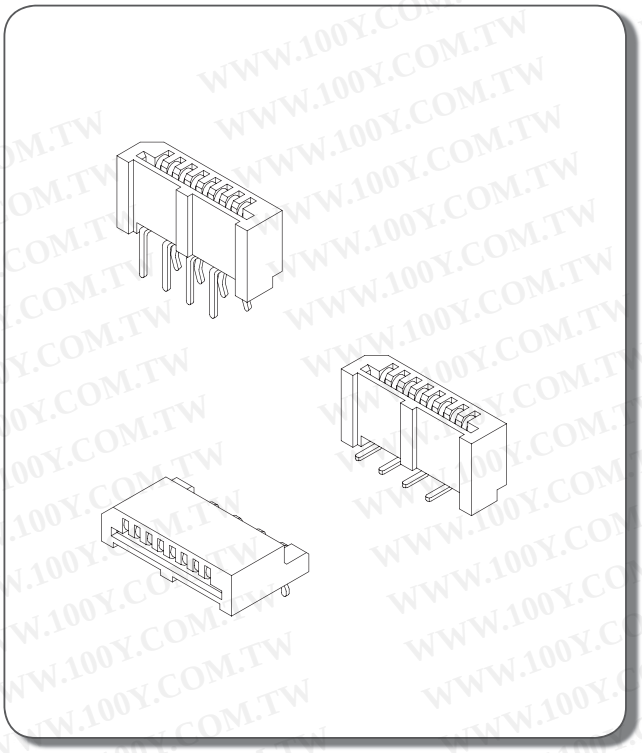


Ordering Information & Dimensions:

PART NO.	Dimensions		PART NO.	Dimensions	
	A	B		A	B
F1004WR-04P	3.00	6.50	F1004WR-20P	19.00	22.50
F1004WR-05P	4.00	7.50	F1004WR-21P	20.00	23.50
F1004WR-06P	5.00	8.50	F1004WR-22P	21.00	24.50
F1004WR-07P	6.00	9.50	F1004WR-23P	22.00	25.50
F1004WR-08P	7.00	10.50	F1004WR-24P	23.00	26.50
F1004WR-09P	8.00	11.50	F1004WR-25P	24.00	27.50
F1004WR-10P	9.00	12.50	F1004WR-26P	25.00	28.50
F1004WR-11P	10.00	13.50	F1004WR-27P	26.00	29.50
F1004WR-12P	11.00	14.50	F1004WR-28P	27.00	30.50
F1004WR-13P	12.00	15.50	F1004WR-29P	28.00	31.50
F1004WR-14P	13.00	16.50	F1004WR-30P	29.00	32.50
F1004WR-15P	14.00	17.50	F1004WR-31P	30.00	33.50
F1004WR-16P	15.00	18.50	F1004WR-32P	31.00	34.50
F1004WR-17P	16.00	19.50	F1004WR-33P	32.00	35.50
F1004WV-18P	17.00	20.50	F1004WR-34P	33.00	36.50
F1004WR-19P	18.00	21.50			

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F1005 WV -S-05P

❶ Series No.
❷ Connector type: WV=Vertical
❸ Mounting type: Blank=Through hole
-S=SMT without boss
❹ No. of circuits

❶ ❷ ❸ ❹
F1005 WR-05P T

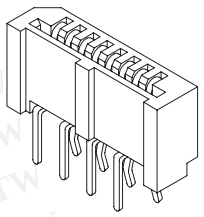
❶ Series No.
❷ Connector type: WR=Right angle
❸ No. of circuits
❹ Option code:
T=Top contact style

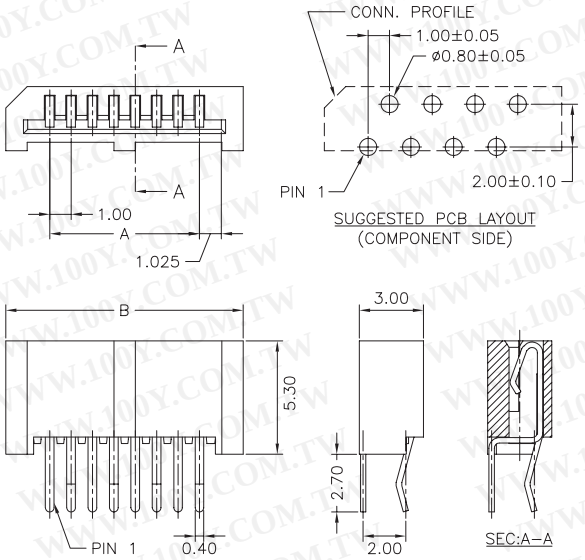
F1005WV

1.00mm pitch FFC/FPC 180° Connector, NON-ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 46,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1005WV-04P	3.00	7.10
F1005WV-05P	4.00	8.10
F1005WV-06P	5.00	9.10
F1005WV-07P	6.00	10.10
F1005WV-08P	7.00	11.10
F1005WV-09P	8.00	12.10
F1005WV-10P	9.00	13.10
F1005WV-11P	10.00	14.10
F1005WV-12P	11.00	15.10
F1005WV-13P	12.00	16.10
F1005WV-14P	13.00	17.10
F1005WV-15P	14.00	18.10
F1005WV-16P	15.00	19.10
F1005WV-17P	16.00	20.10
F1005WV-18P	17.00	21.10

PART NO.	Dimensions	
	A	B
F1005WV-19P	18.00	22.10
F1005WV-20P	19.00	23.10
F1005WV-21P	20.00	24.10
F1005WV-22P	21.00	25.10
F1005WV-23P	22.00	26.10
F1005WV-24P	23.00	27.10
F1005WV-25P	24.00	28.10
F1005WV-26P	25.00	29.10
F1005WV-27P	26.00	30.10
F1005WV-28P	27.00	31.10
F1005WV-29P	28.00	32.10
F1005WV-30P	29.00	33.10
F1005WV-31P	30.00	34.10
F1005WV-32P	31.00	35.10

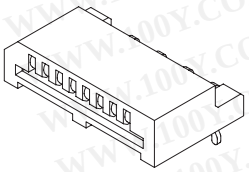
Unit:mm

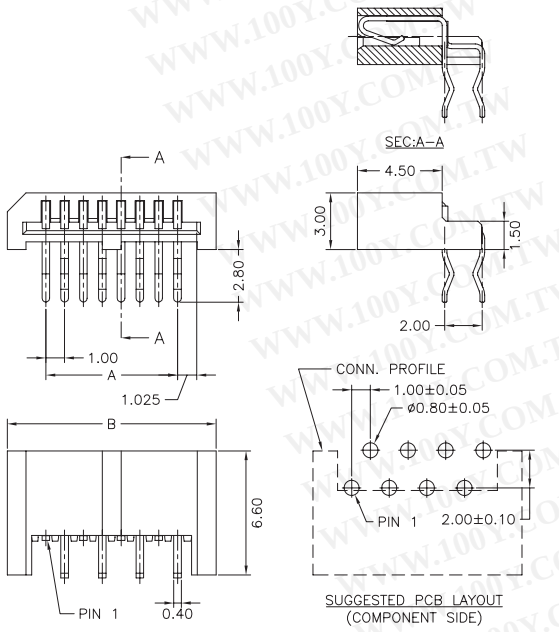
F1005WR

1.00mm pitch FFC/FPC 90° Connector, NON-ZIF,
Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 46,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1005WR-04PT	3.00	7.10
F1005WR-05PT	4.00	8.10
F1005WR-06PT	5.00	9.10
F1005WR-07PT	6.00	10.10
F1005WR-08PT	7.00	11.10
F1005WR-09PT	8.00	12.10
F1005WR10PT	9.00	13.10
F1005WR-11PT	10.00	14.10
F1005WR-12PT	11.00	15.10
F1005WR-13PT	12.00	16.10
F1005WR-14PT	13.00	17.10
F1005WR-15PT	14.00	18.10
F1005WR-16PT	15.00	19.10
F1005WR-17PT	16.00	20.10
F1005WR-18PT	17.00	21.10

PART NO.	Dimensions	
	A	B
F1005WR-19PT	18.00	22.10
F1005WR-20PT	19.00	23.10
F1005WR-21PT	20.00	24.10
F1005WR-22PT	21.00	25.10
F1005WR-23PT	22.00	26.10
F1005WR-24PT	23.00	27.10
F1005WR-25PT	24.00	28.10
F1005WR-26PT	25.00	29.10
F1005WR-27PT	26.00	30.10
F1005WR-28PT	27.00	31.10
F1005WR-29PT	28.00	32.10
F1005WR-30PT	29.00	33.10
F1005WR-31PT	30.00	34.10
F1005WR-32PT	31.00	35.10

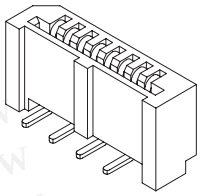
Unit:mm

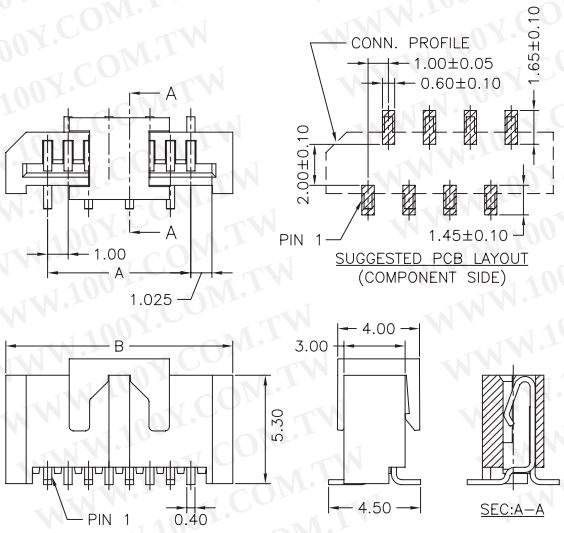
F1005WV-S

1.00mm pitch FFC/FPC 180° Connector, NON-ZIF, SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 46,UL94V-0
Cap: Nylon 46,UL94V-0



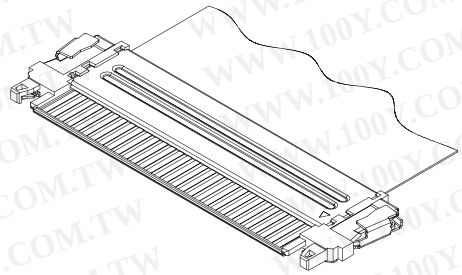


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1005WV-S-04P	3.00	7.10
F1005WV-S-05P	4.00	8.10
F1005WV-S-06P	5.00	9.10
F1005WV-S-07P	6.00	10.10
F1005WV-S-08P	7.00	11.10
F1005WV-S-09P	8.00	12.10
F1005WV-S-10P	9.00	13.10
F1005WV-S-11P	10.00	14.10
F1005WV-S-12P	11.00	15.10
F1005WV-S-13P	12.00	16.10
F1005WV-S-14P	13.00	17.10
F1005WV-S-15P	14.00	18.10
F1005WV-S-16P	15.00	19.10
F1005WV-S-17P	16.00	20.10
F1005WV-S-18P	17.00	21.10

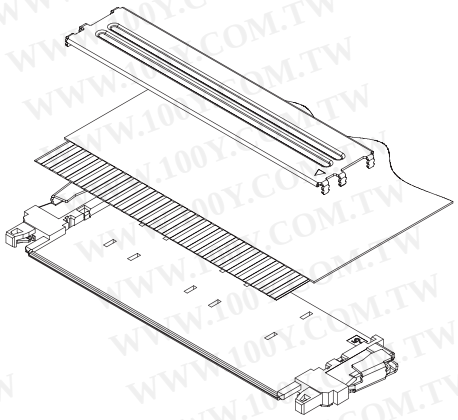
PART NO.	Dimensions	
	A	B
F1005WV-S-19P	18.00	22.10
F1005WV-S-20P	19.00	23.10
F1005WV-S-21P	20.00	24.10
F1005WV-S-22P	21.00	25.10
F1005WV-S-23P	22.00	26.10
F1005WV-S-24P	23.00	27.10
F1005WV-S-25P	24.00	28.10
F1005WV-S-26P	25.00	29.10
F1005WV-S-27P	26.00	30.10
F1005WV-S-28P	27.00	31.10
F1005WV-S-29P	28.00	32.10
F1005WV-S-30P	29.00	33.10
F1005WV-S-31P	30.00	34.10
F1005WV-S-32P	31.00	35.10

Unit:mm

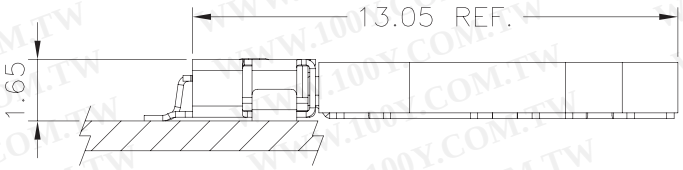


Specifications

Temperature range: -25°C ~ +85°C
Contact H.R for details



Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
F1010 H A-30P -5

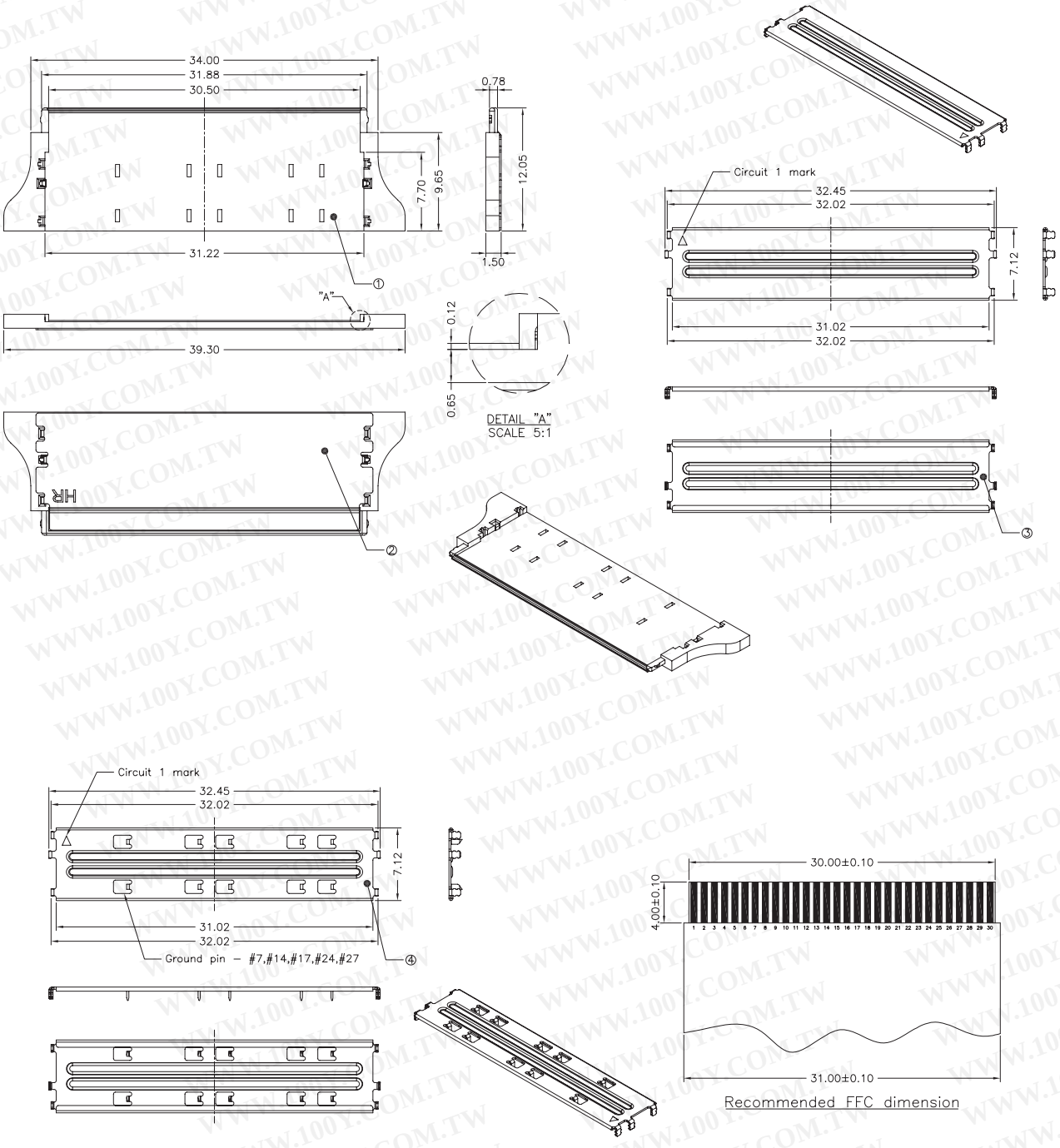
❶ Series No.
❷ H=Housing
❸ Blank=Without lock structure type
A=With lock structure type
❹ No. of circuits
❺ Option code:
Blank=Normal type
-1=Type 1
-5=Type 5

❶ ❷ ❸ ❹ ❺ ❻
TC F1010H I-T-30P-QS0

❶ Category code
❷ Series No.
❸ Blank=Normal type
I=With ground pin type
❹ T=Top cover
❺ No. of circuits
❻ Material code

F1010H-30P

1.00mm pitch Connector For FFC



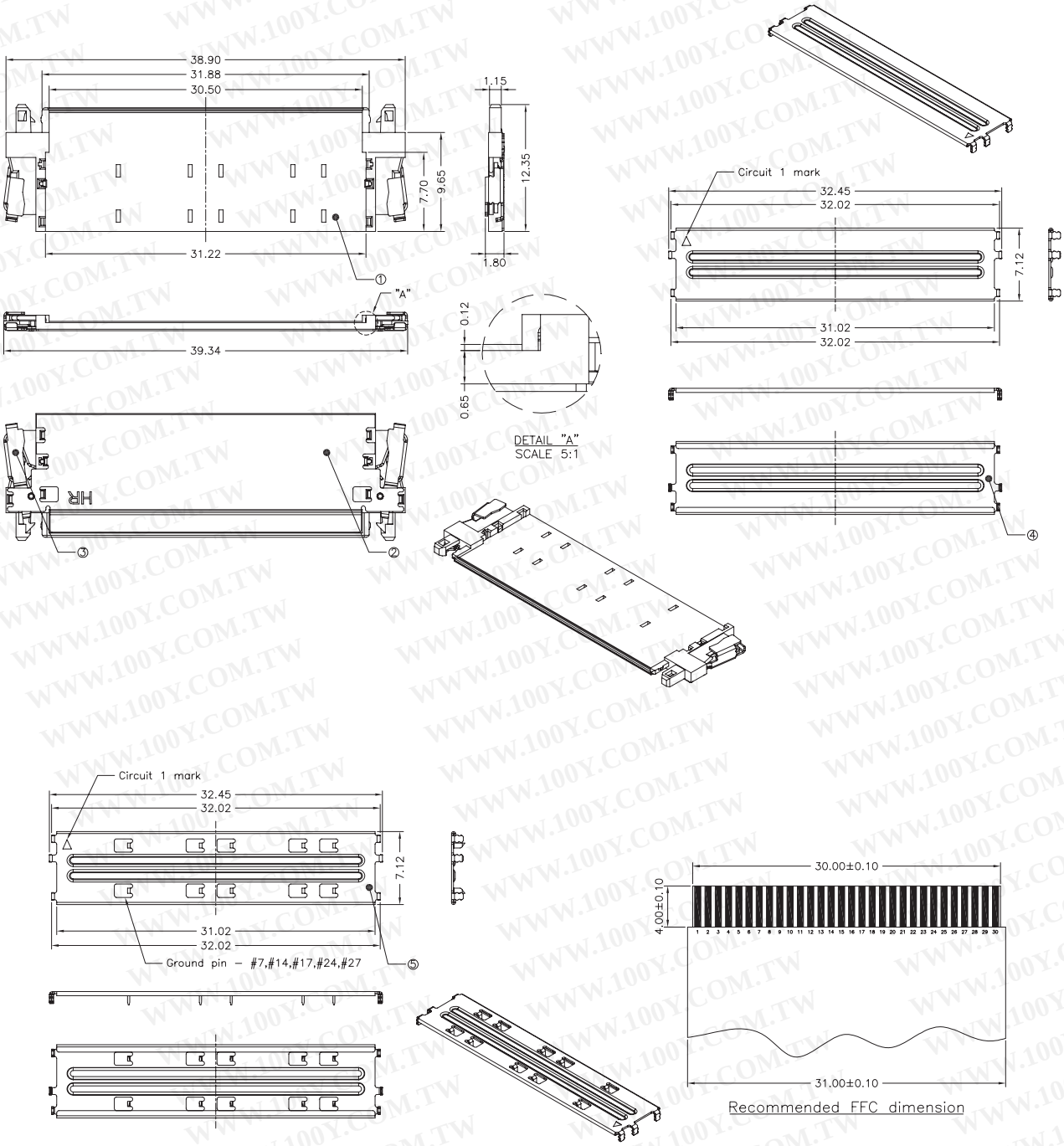
No.	Part No.	Description	Material	Color
1	F1010H-30P	Insulator	Nylon 46,UL94V-0	Natural(Beige)
2		Ground plate	Stainless	--------
3	TCF1010H-T-30P-QS0	Top cover	Stainless	--------
4	TCF1010HI-T-30P-QS0	Top cover	Stainless	--------

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F1010HA-30P

1.00mm pitch Connector For FFC - LOCK TYPE



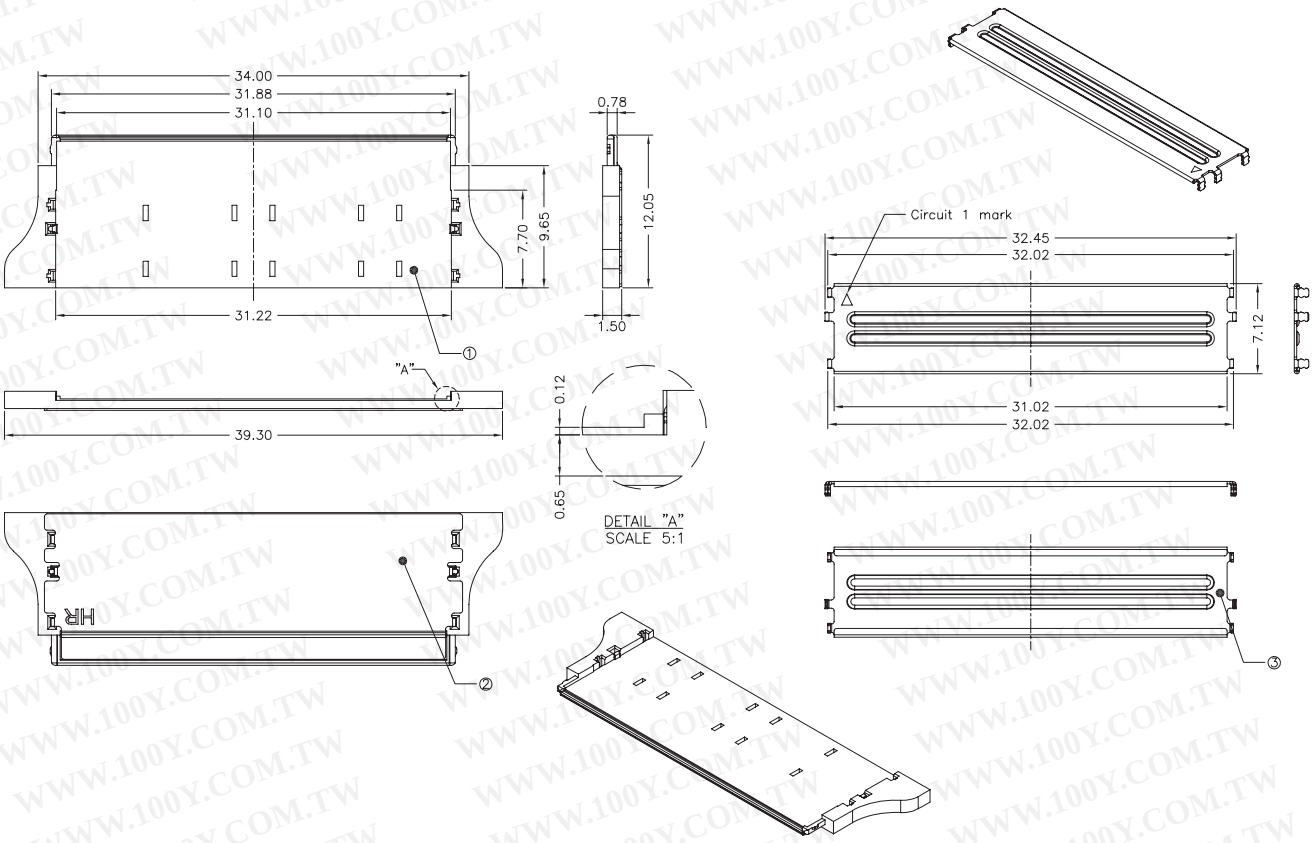
No.	Part No.	Description	Material	Color
1	F1010HA-30P	Insulator	Nylon 46,UL94V-0	Natural(Beige)
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	TCF1010H-T-30P-QS0	Top cover	Stainless	--------
5	TCF1010HI-T-30P-QS0	Top cover	Stainless	--------

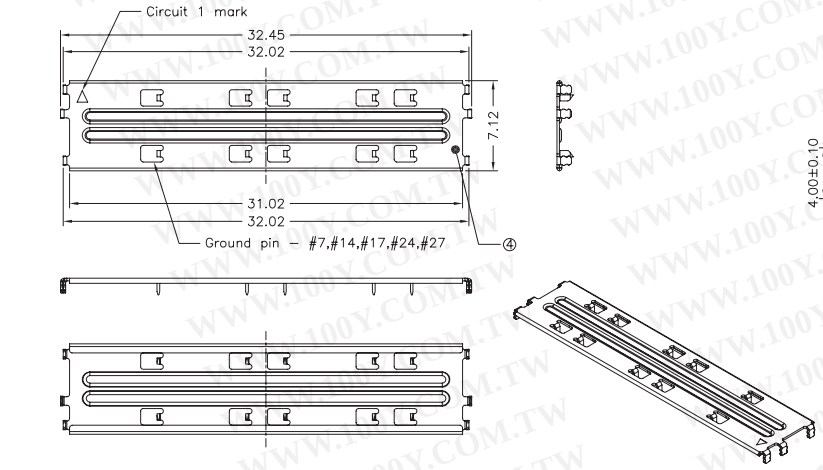
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F1010H-30P-1

1.00mm pitch Connector For FFC





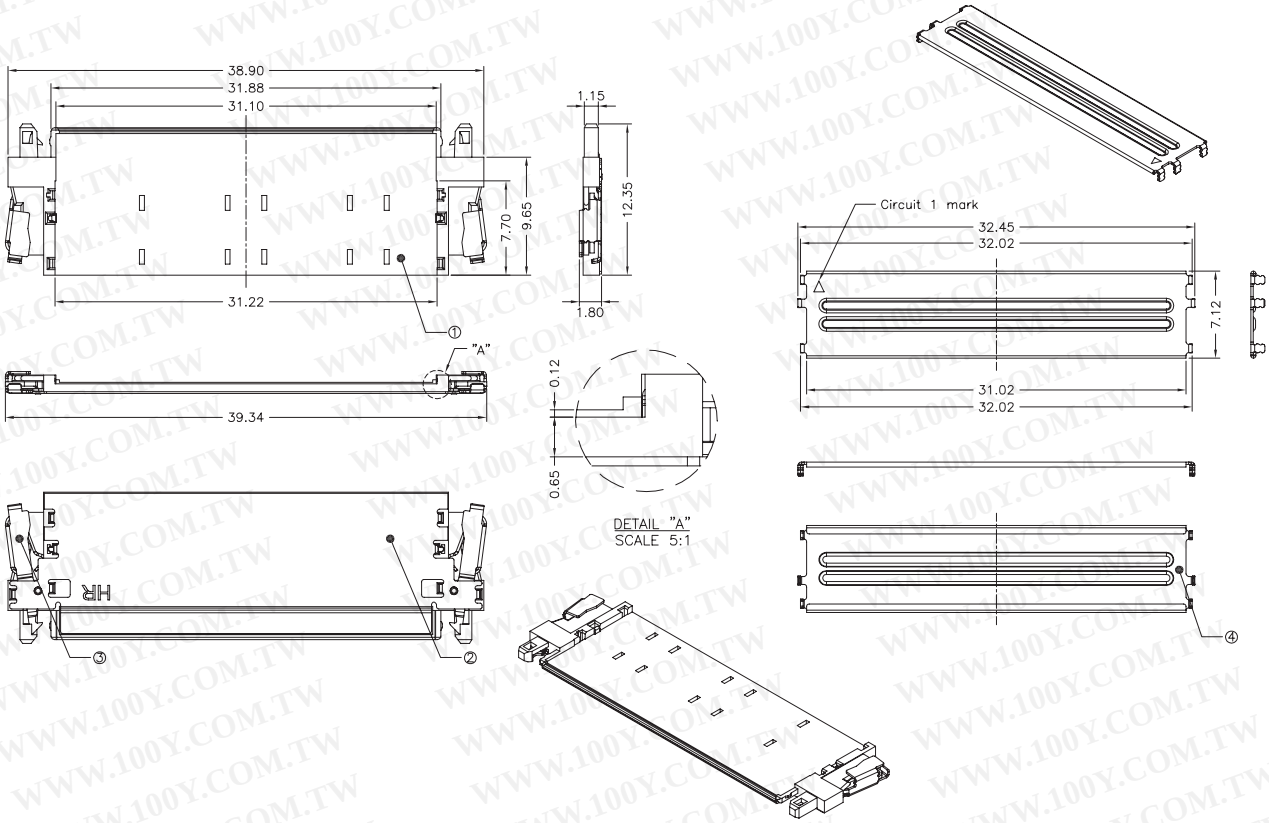
No.	Part No.	Description	Material	Color
1	F1010H-30P-1	Insulator	Nylon 46,UL94V-0	Natural(Beige)
2		Ground plate	Stainless	--------
3	TCF1010H-T-30P-QS0	Top cover	Stainless	--------
4	TCF1010HI-T-30P-QS0	Top cover	Stainless	--------

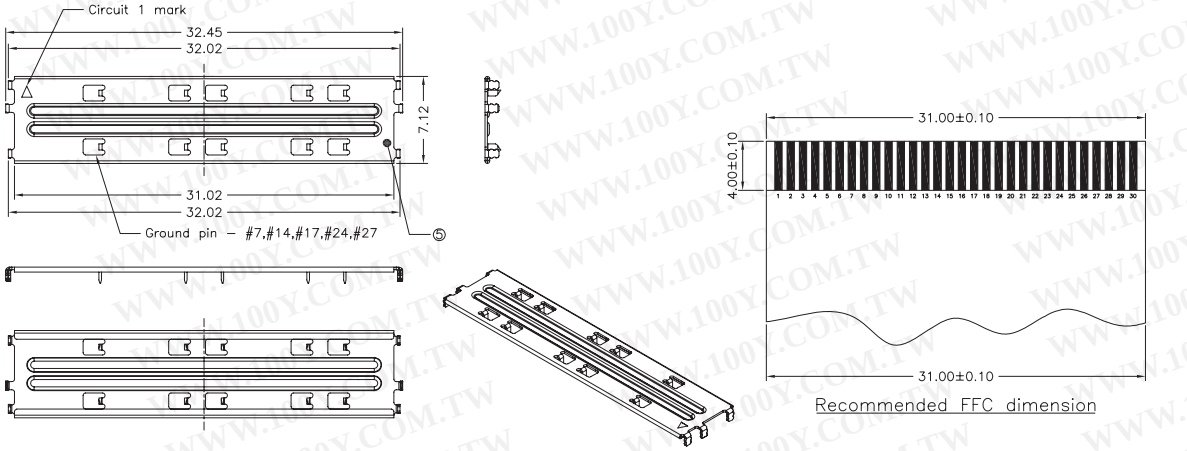
Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F1010HA-30P-1

1.00mm pitch Connector For FFC - LOCK TYPE





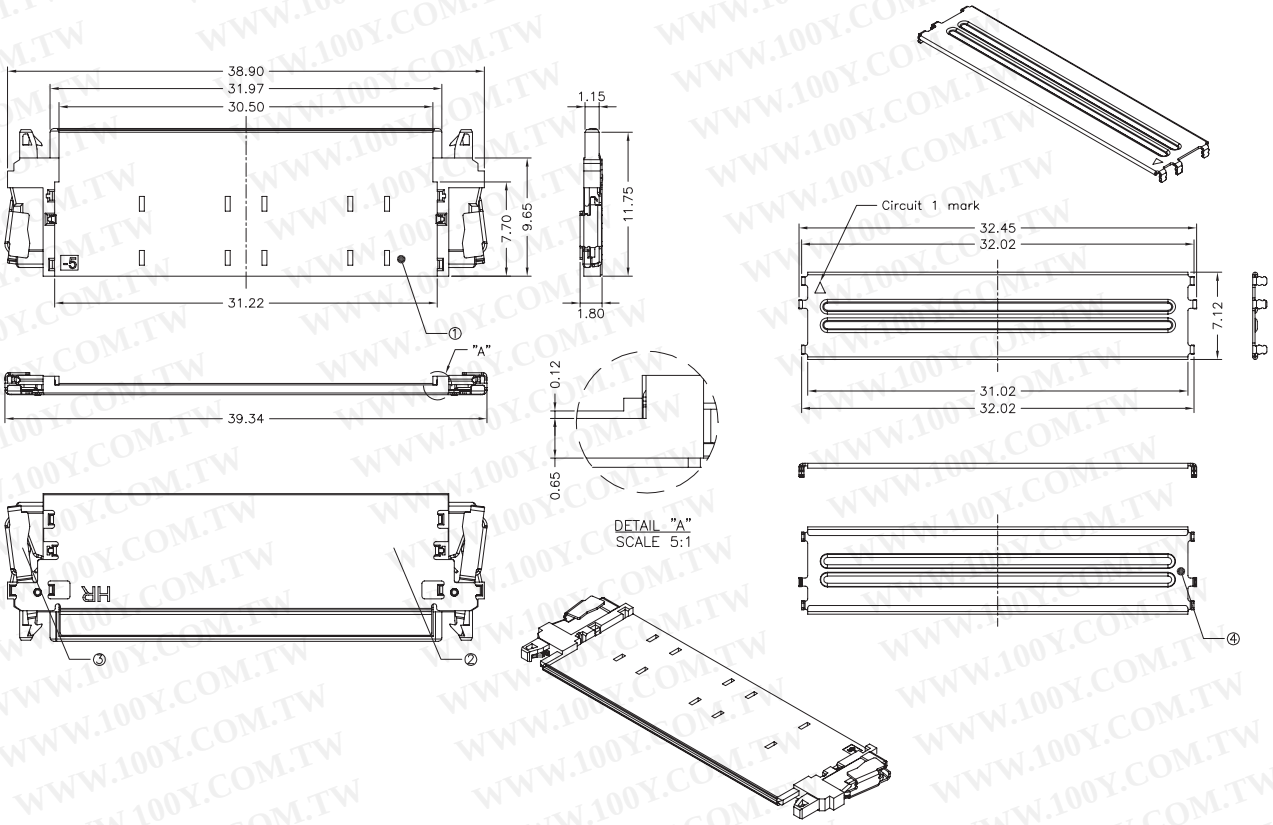
No.	Part No.	Description	Material	Color
1	F1010HA-30P-1	Insulator	Nylon 46,UL94V-0	Natural(Beige)
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	TCF1010H-T-30P-QS0	Top cover	Stainless	--------
5	TCF1010HI-T-30P-QS0	Top cover	Stainless	--------

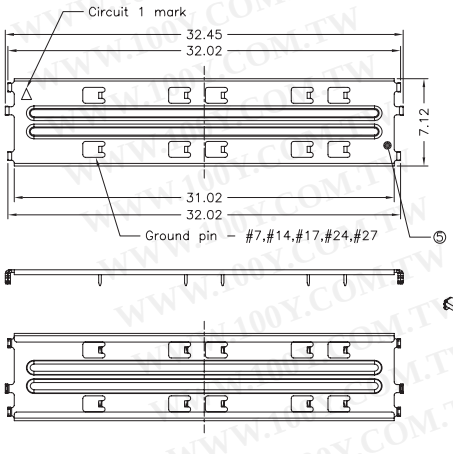
Unit:mm

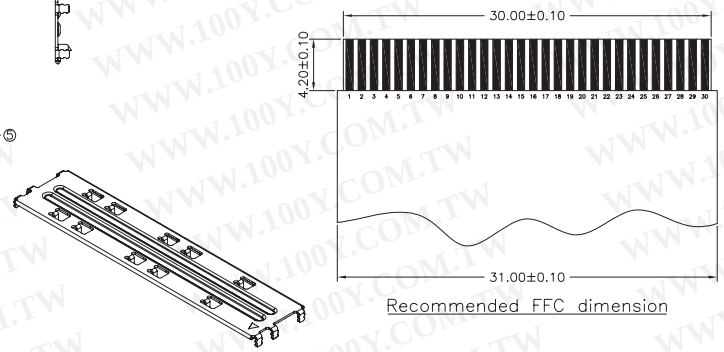
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F1010HA-30P-5

1.00mm pitch Connector For FFC - LOCK TYPE



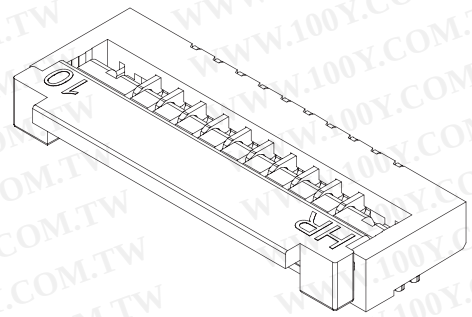




No.	Part No.	Description	Material	Color
1	F1010HA-30P-5	Insulator	Nylon 46,UL94V-0	Natural(Beige)
2		Ground plate	Stainless	--------
3		Lock lever	Stainless	--------
4	TCF1010H-T-30P-QS0	Top cover	Stainless	--------
5	TCF1010HI-T-30P-QS0	Top cover	Stainless	--------

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ F1015 ❷ WR – ❸ S – ❹ 30P ❺ D01

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
D01=Gold-flash, Taping reel

F1015WR-S

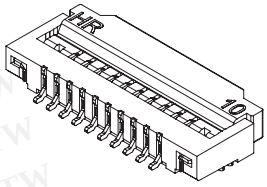
1.00mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Botton Contact Style

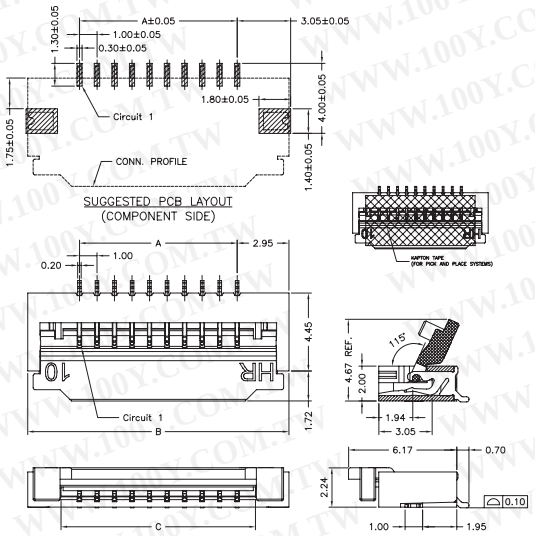
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Tin-plated
Housing: Nylon 6T,UL94V-0
Cover: Nylon 6T,UL94V-0

F1015WR-S-30P N L N G1 T 00 L
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: T=Tin-plated, G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: L=Tape & Reel(With Mylar)



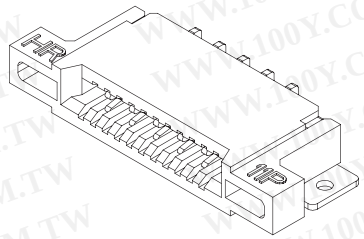


Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F1015WR-S-04P	3.00	8.90	5.10	F1015WR-S-23P	22.00	27.90	24.10
F1015WR-S-05P	4.00	9.90	6.10	F1015WR-S-24P	23.00	28.90	25.10
F1015WR-S-06P	5.00	10.90	7.10	F1015WR-S-25P	24.00	29.90	26.10
F1015WR-S-07P	6.00	11.90	8.10	F1015WR-S-26P	25.00	30.90	27.10
F1015WR-S-08P	7.00	12.90	9.10	F1015WR-S-27P	26.00	31.90	28.10
F1015WR-S-09P	8.00	13.90	10.10	F1015WR-S-28P	27.00	32.90	29.10
F1015WR-S-10P	9.00	14.90	11.10	F1015WR-S-29P	28.00	33.90	30.10
F1015WR-S-11P	10.00	15.90	12.10	F1015WR-S-30P	29.00	34.90	31.10
F1015WR-S-12P	11.00	16.90	13.10	F1015WR-S-31P	30.00	35.90	32.10
F1015WR-S-13P	12.00	17.90	14.10	F1015WR-S-32P	31.00	36.90	33.10
F1015WR-S-14P	13.00	18.90	15.10	F1015WR-S-33P	32.00	37.90	34.10
F1015WR-S-15P	14.00	19.90	16.10	F1015WR-S-34P	33.00	38.90	35.10
F1015WR-S-16P	15.00	20.90	17.10	F1015WR-S-35P	34.00	39.90	36.10
F1015WR-S-17P	16.00	21.90	18.10	F1015WR-S-36P	35.00	40.90	37.10
F1015WR-S-18P	17.00	22.90	19.10	F1015WR-S-37P	36.00	41.90	38.10
F1015WR-S-19P	18.00	23.90	20.10	F1015WR-S-38P	37.00	42.90	39.10
F1015WR-S-20P	19.00	24.90	21.10	F1015WR-S-39P	38.00	43.90	40.10
F1015WR-S-21P	20.00	25.90	22.10	F1015WR-S-40P	39.00	44.90	41.10
F1015WR-S-22P	21.00	26.90	23.10	F1015WR-S-41P	40.00	45.90	42.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F1016 WR – S – 05P

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

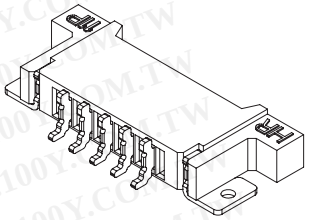
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

F1016WR-S

1.00mm pitch FFC/FPC 90° Connector, NON-ZIF, SMT TYPE

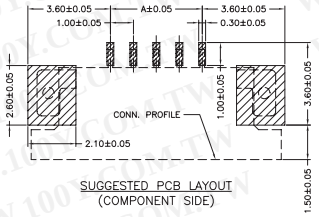
Reference Informations:

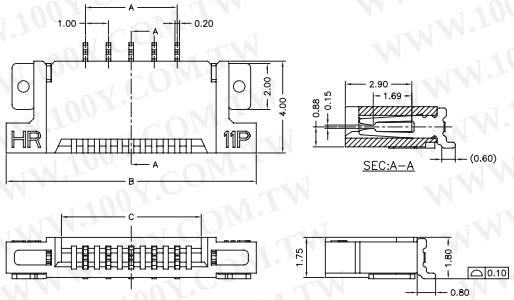
*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: LCP,UL94V-0



F1016WR-S-05P N L N T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

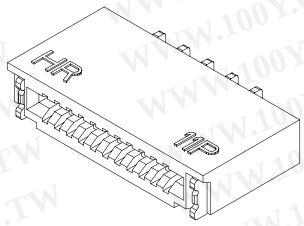




Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F1016WR-S-04P	3.00	9.90	5.10	F1016WR-S-18P	17.00	23.90	19.10
F1016WR-S-05P	4.00	10.90	6.10	F1016WR-S-19P	18.00	24.90	20.10
F1016WR-S-06P	5.00	11.90	7.10	F1016WR-S-20P	19.00	25.90	21.10
F1016WR-S-07P	6.00	12.90	8.10	F1016WR-S-21P	20.00	26.90	22.10
F1016WR-S-08P	7.00	13.90	9.10	F1016WR-S-22P	21.00	27.90	23.10
F1016WR-S-09P	8.00	14.90	10.10	F1016WR-S-23P	22.00	28.90	24.10
F1016WR-S-10P	9.00	15.90	11.10	F1016WR-S-24P	23.00	29.90	25.10
F1016WR-S-11P	10.00	16.90	12.10	F1016WR-S-25P	24.00	30.90	26.10
F1016WR-S-12P	11.00	17.90	13.10	F1016WR-S-26P	25.00	31.90	27.10
F1016WR-S-13P	12.00	18.90	14.10	F1016WR-S-27P	26.00	32.90	28.10
F1016WR-S-14P	13.00	19.90	15.10	F1016WR-S-28P	27.00	33.90	29.10
F1016WR-S-15P	14.00	20.90	16.10	F1016WR-S-29P	28.00	34.90	30.10
F1016WR-S-16P	15.00	21.90	17.10	F1016WR-S-30P	29.00	35.90	31.10
F1016WR-S-17P	16.00	22.90	18.10				

Unit:mm



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹
F1017 WR-S-05P

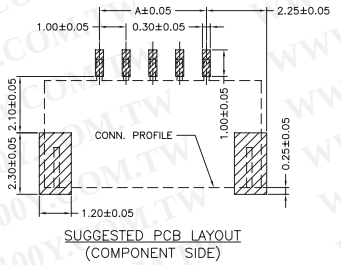
❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits

F1017WR-S

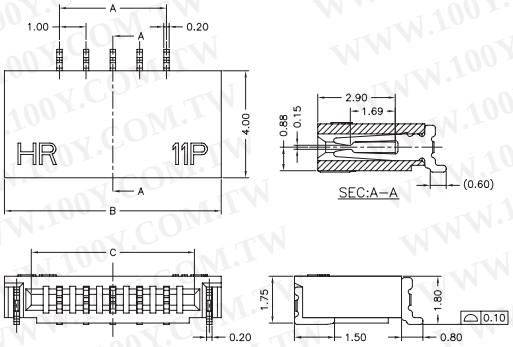
1.00mm pitch FFC/FPC 90° Connector, NON-ZIF, SMT TYPE

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Solder Tabs: Brass/Tin-plated
Wafer: LCP,UL94V-0

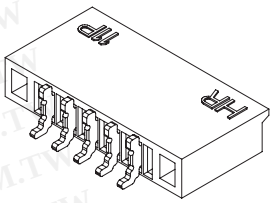


SUGGESTED PCB LAYOUT
(COMPONENT SIDE)



F1017WR-S-05P N L N T1 T 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: T1=Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel



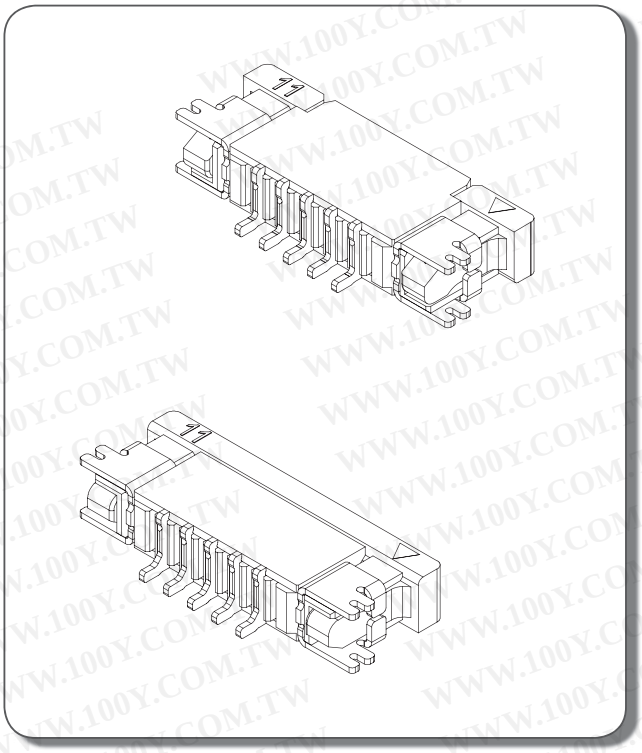
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1017WR-S-04P	3.00	7.10	5.10
F1017WR-S-05P	4.00	8.10	6.10
F1017WR-S-06P	5.00	9.10	7.10
F1017WR-S-07P	6.00	10.10	8.10
F1017WR-S-08P	7.00	11.10	9.10
F1017WR-S-09P	8.00	12.10	10.10
F1017WR-S-10P	9.00	13.10	11.10
F1017WR-S-11P	10.00	14.10	12.10
F1017WR-S-12P	11.00	15.10	13.10
F1017WR-S-13P	12.00	16.10	14.10
F1017WR-S-14P	13.00	17.10	15.10
F1017WR-S-15P	14.00	18.10	16.10
F1017WR-S-16P	15.00	19.10	17.10
F1017WR-S-17P	16.00	20.10	18.10
F1017WR-S-18P	17.00	21.10	19.10

PART NO.	Dimensions		
	A	B	C
F1017WR-S-19P	18.00	22.10	20.10
F1017WR-S-20P	19.00	23.10	21.10
F1017WR-S-21P	20.00	24.10	22.10
F1017WR-S-22P	21.00	25.10	23.10
F1017WR-S-23P	22.00	26.10	24.10
F1017WR-S-24P	23.00	27.10	25.10
F1017WR-S-25P	24.00	28.10	26.10
F1017WR-S-26P	25.00	29.10	27.10
F1017WR-S-27P	26.00	30.10	28.10
F1017WR-S-28P	27.00	31.10	29.10
F1017WR-S-29P	28.00	32.10	30.10
F1017WR-S-30P	29.00	33.10	31.10
F1017WR-S-31P	30.00	34.10	32.10
F1017WR-S-32P	31.00	35.10	33.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 0.5A AC,DC
Voltage rating: 50V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 30mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺
F1018 WR-S-05P T

❶ Series No.
❷ Connector type: WR=Right angle
❸ Mounting type: S=SMT
❹ No. of circuits
❺ Option code:
T=Top contact style
B=Bottom contact style

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

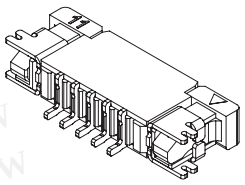
F1018WR-S

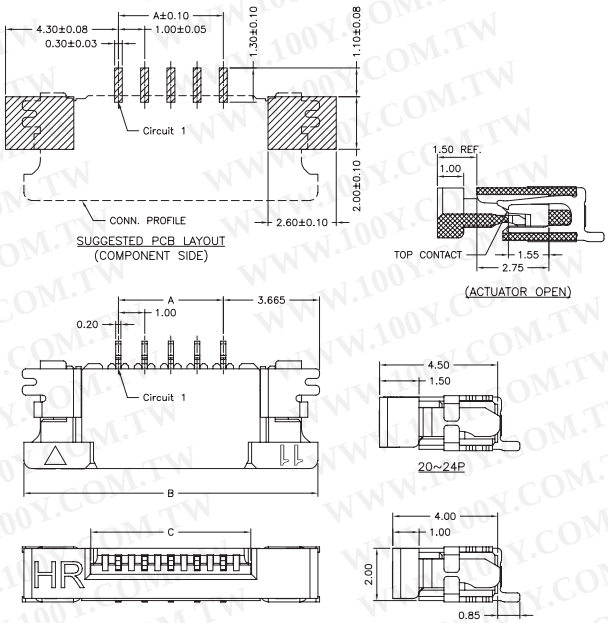
1.00mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F1018WR-S-05P N L N G1 G T0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: T0=Top contact
⑦ Packing code: R=Tape & Reel





Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1018WR-S-04PT	3.00	10.20	5.10
F1018WR-S-05PT	4.00	11.20	6.10
F1018WR-S-06PT	5.00	12.20	7.10
F1018WR-S-07PT	6.00	13.20	8.10
F1018WR-S-08PT	7.00	14.20	9.10
F1018WR-S-09PT	8.00	15.20	10.10
F1018WR-S-10PT	9.00	16.20	11.10
F1018WR-S-11PT	10.00	17.20	12.10
F1018WR-S-12PT	11.00	18.20	13.10
F1018WR-S-13PT	12.00	19.20	14.10
F1018WR-S-14PT	13.00	20.20	15.10
F1018WR-S-15PT	14.00	21.20	16.10
F1018WR-S-16PT	15.00	22.20	17.10
F1018WR-S-17PT	16.00	23.20	18.10
F1018WR-S-18PT	17.00	24.20	19.10
F1018WR-S-19PT	18.00	25.20	20.10
F1018WR-S-20PT	19.00	26.20	21.10
F1018WR-S-21PT	20.00	27.20	22.10
F1018WR-S-22PT	21.00	28.20	23.10
F1018WR-S-23PT	22.00	29.20	24.10
F1018WR-S-24PT	23.00	30.20	25.10
F1018WR-S-25PT	24.00	31.20	26.10

Unit:mm

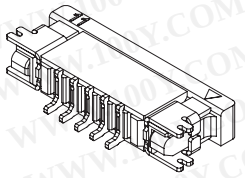
F1018WR-S

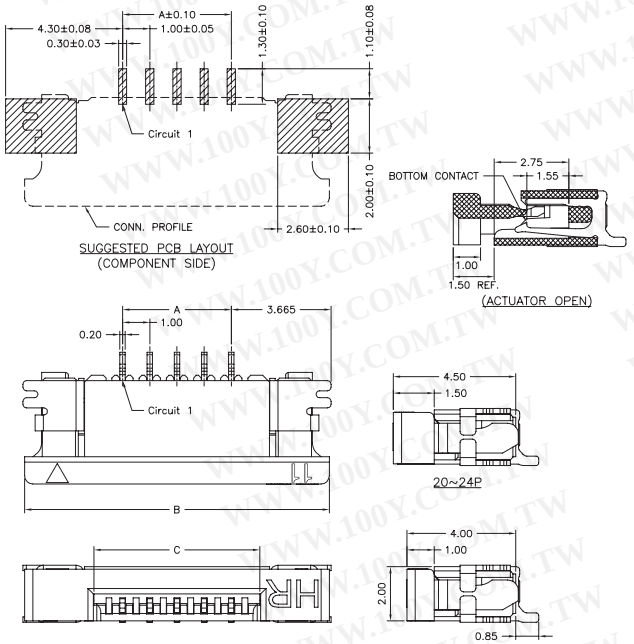
1.00mm pitch FFC/FPC 90° Connector, ZIF, SMT TYPE, Bottom Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-flash
Solder Tabs: Brass/Gold-flash
Housing: Nylon 6T,UL94V-0
Actuator: Nylon 6T,UL94V-0

F1018WR-S-05P N L N G1 G B0 R
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: L=LCP
③ Color: N=Natural(Beige)
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: B0=Bottom contact
⑦ Packing code: R=Tape & Reel



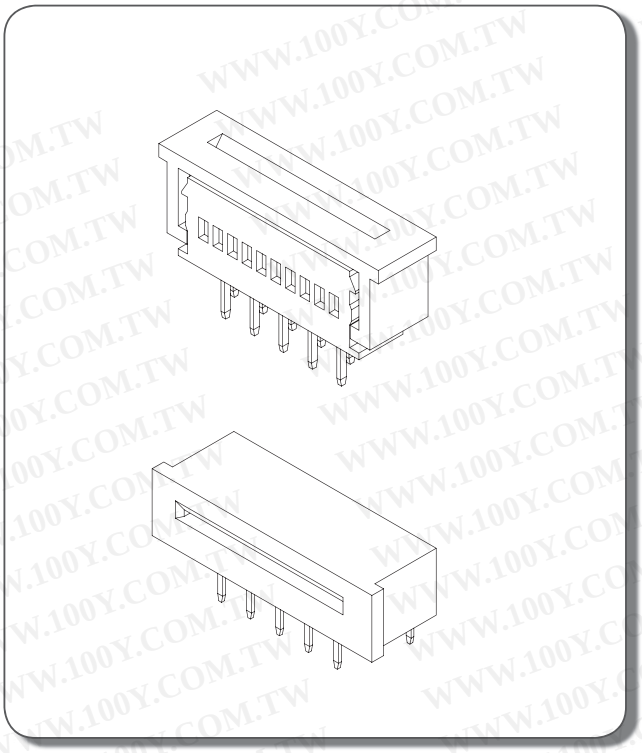


Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
F1018WR-S-04PB	3.00	10.20	5.10
F1018WR-S-05PB	4.00	11.20	6.10
F1018WR-S-06PB	5.00	12.20	7.10
F1018WR-S-07PB	6.00	13.20	8.10
F1018WR-S-08PB	7.00	14.20	9.10
F1018WR-S-09PB	8.00	15.20	10.10
F1018WR-S-10PB	9.00	16.20	11.10
F1018WR-S-11PB	10.00	17.20	12.10
F1018WR-S-12PB	11.00	18.20	13.10
F1018WR-S-13PB	12.00	19.20	14.10
F1018WR-S-14PB	13.00	20.20	15.10
F1018WR-S-15PB	14.00	21.20	16.10
F1018WR-S-16PB	15.00	22.20	17.10
F1018WR-S-17PB	16.00	23.20	18.10
F1018WR-S-18PB	17.00	24.20	19.10
F1018WR-S-19PB	18.00	25.20	20.10
F1018WR-S-20PB	19.00	26.20	21.10
F1018WR-S-21PB	20.00	27.20	22.10
F1018WR-S-22PB	21.00	28.20	23.10
F1018WR-S-23PB	22.00	29.20	24.10
F1018WR-S-24PB	23.00	30.20	25.10
F1018WR-S-25PB	24.00	31.20	26.10

Unit:mm

TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw



Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸
F1257 WV-05P

❶ Series No.
❷ Connector type: WV=Vertical
❸ No. of circuits

❶ ❷ ❸ ❹
F1257 WR-05P T

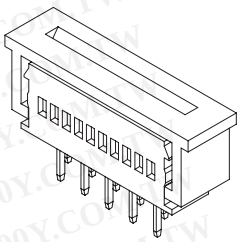
❶ Series No.
❷ Connector type: WR=Right angle
❸ No. of circuits
❹ Option code:
T=Top contact style

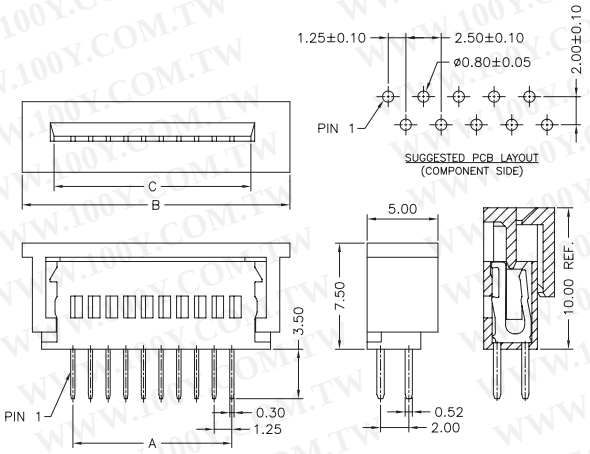
F1257WV

1.25mm pitch FFC/FPC 180° Connector, ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Housing: PBT,UL94V-0
Actuator: PBT,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F1257WV-03P	2.50	10.20	5.20	F1257WV-18P	21.25	28.95	23.95
F1257WV-04P	3.75	11.45	6.45	F1257WV-19P	22.50	30.20	25.20
F1257WV-05P	5.00	12.70	7.70	F1257WV-20P	23.75	31.45	26.45
F1257WV-06P	6.25	13.95	8.95	F1257WV-21P	25.00	32.70	27.70
F1257WV-07P	7.50	15.20	10.20	F1257WV-22P	26.25	33.95	28.95
F1257WV-08P	8.75	16.45	11.45	F1257WV-23P	27.50	35.20	30.20
F1257WV-09P	10.00	17.70	12.70	F1257WV-24P	28.75	36.45	31.45
F1257WV-10P	11.25	18.95	13.95	F1257WV-25P	30.00	37.70	32.70
F1257WV-11P	12.50	20.20	15.20	F1257WV-26P	31.25	38.95	33.95
F1257WV-12P	13.75	21.45	16.45	F1257WV-27P	32.50	40.20	35.20
F1257WV-13P	15.00	22.70	17.70	F1257WV-28P	33.75	41.45	36.45
F1257WV-14P	16.25	23.95	18.95	F1257WV-29P	35.00	42.70	37.70
F1257WV-15P	17.50	25.20	20.20	F1257WV-30P	36.25	43.95	38.95
F1257WV-16P	18.75	26.45	21.45	F1257WV-31P	37.50	45.20	40.20
F1257WV-17P	20.00	27.70	22.70	F1257WV-32P	38.75	46.45	41.45

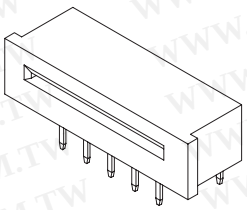
Unit:mm

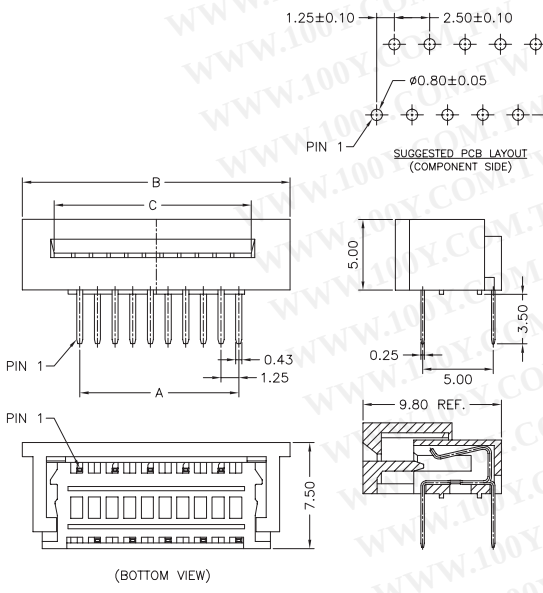
F1257WR

1.25mm pitch FFC/FPC 90° Connector, ZIF,
Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Housing: PBT,UL94V-0
Actuator: PBT,UL94V-0

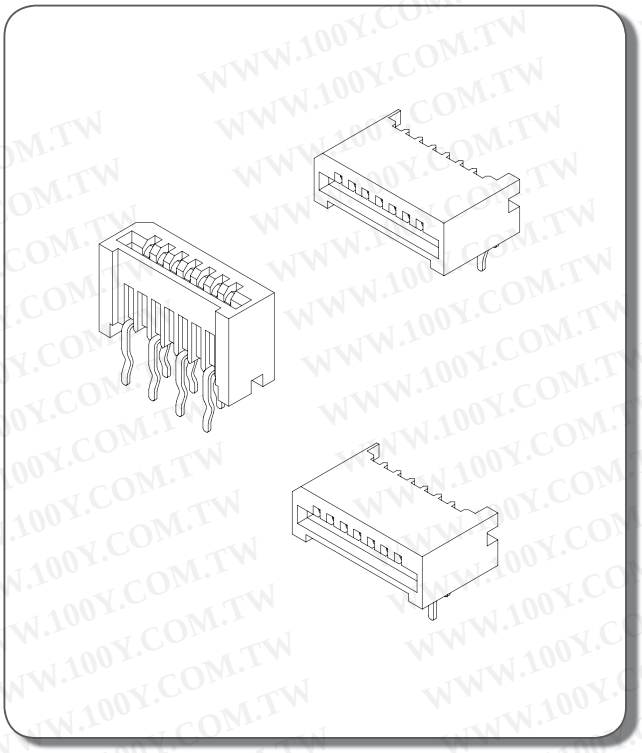




Ordering Information & Dimensions:

PART NO.	Dimensions			PART NO.	Dimensions		
	A	B	C		A	B	C
F1257WR-03PT	2.50	10.20	5.20	F1257WR-18PT	21.25	28.95	23.95
F1257WR-04PT	3.75	11.45	6.45	F1257WR-19PT	22.50	30.20	25.20
F1257WR-05PT	5.00	12.70	7.70	F1257WR-20PT	23.75	31.45	26.45
F1257WR-06PT	6.25	13.95	8.95	F1257WR-21PT	25.00	32.70	27.70
F1257WR-07PT	7.50	15.20	10.20	F1257WR-22PT	26.25	33.95	28.95
F1257WR-08PT	8.75	16.45	11.45	F1257WR-23PT	27.50	35.20	30.20
F1257WR-09PT	10.00	17.70	12.70	F1257WR-24PT	28.75	36.45	31.45
F1257WR-10PT	11.25	18.95	13.95	F1257WR-25PT	30.00	37.70	32.70
F1257WR-11PT	12.50	20.20	15.20	F1257WR-26PT	31.25	38.95	33.95
F1257WR-12PT	13.75	21.45	16.45	F1257WR-27PT	32.50	40.20	35.20
F1257WR-13PT	15.00	22.70	17.70	F1257WR-28PT	33.75	41.45	36.45
F1257WR-14PT	16.25	23.95	18.95	F1257WR-29PT	35.00	42.70	37.70
F1257WR-15PT	17.50	25.20	20.20	F1257WR-30PT	36.25	43.95	38.95
F1257WR-16PT	18.75	26.45	21.45	F1257WR-31PT	37.50	45.20	40.20
F1257WR-17PT	20.00	27.70	22.70	F1257WR-32PT	38.75	46.45	41.45

Unit:mm



Specifications

Current rating: 1A AC,DC
Voltage rating: 200V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 20mΩ Max.
Insulation resistance: 500MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸
F1258 WV-05P

❶ Series No.
❷ Connector type: WV=Vertical
❸ No. of circuits

❶ ❷ ❸ ❹ ❺
F1258 WR A-05P T

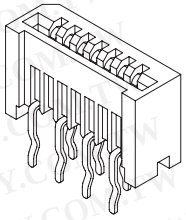
❶ Series No.
❷ Connector type: WR=Right angle
❸ Blank=Normal type
A=A type
❹ No. of circuits
❺ Option code:
T=Top contact style

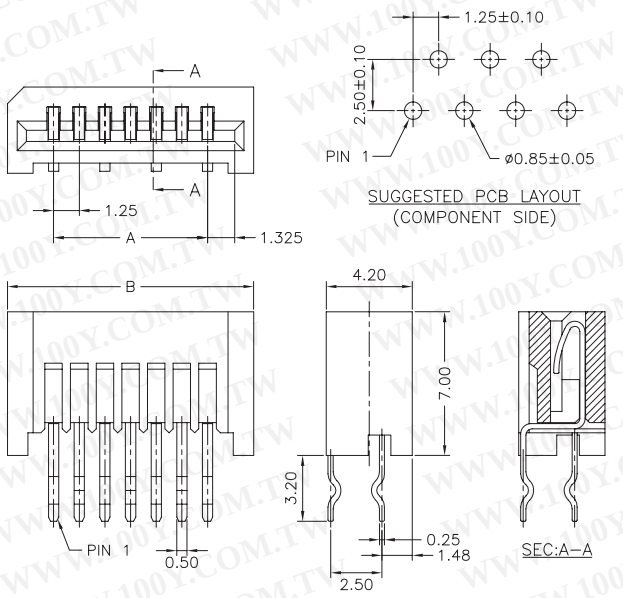
F1258WV

1.25mm pitch FFC/FPC 180° Connector, NON-ZIF

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1258WV-04P	3.75	8.25
F1258WV-05P	5.00	9.50
F1258WV-06P	6.25	10.75
F1258WV-07P	7.50	12.00
F1258WV-08P	8.75	13.25
F1258WV-09P	10.00	14.50
F1258WV-10P	11.25	15.75
F1258WV-11P	12.50	17.00
F1258WV-12P	13.75	18.25
F1258WV-13P	15.00	19.50
F1258WV-14P	16.25	20.75
F1258WV-15P	17.50	22.00
F1258WV-16P	18.75	23.25
F1258WV-17P	20.00	24.50
F1258WV-18P	21.25	25.75
F1258WV-19P	22.50	27.00

PART NO.	Dimensions	
	A	B
F1258WV-20P	23.75	28.25
F1258WV-21P	25.00	29.50
F1258WV-22P	26.25	30.75
F1258WV-23P	27.50	32.00
F1258WV-24P	28.75	33.25
F1258WV-25P	30.00	34.50
F1258WV-26P	31.25	35.75
F1258WV-27P	32.50	37.00
F1258WV-28P	33.75	38.25
F1258WV-29P	35.00	39.50
F1258WV-30P	36.25	40.75
F1258WV-31P	37.50	42.00
F1258WV-32P	38.75	43.25
F1258WV-33P	40.00	44.50
F1258WV-34P	41.25	45.75

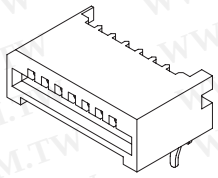
Unit:mm

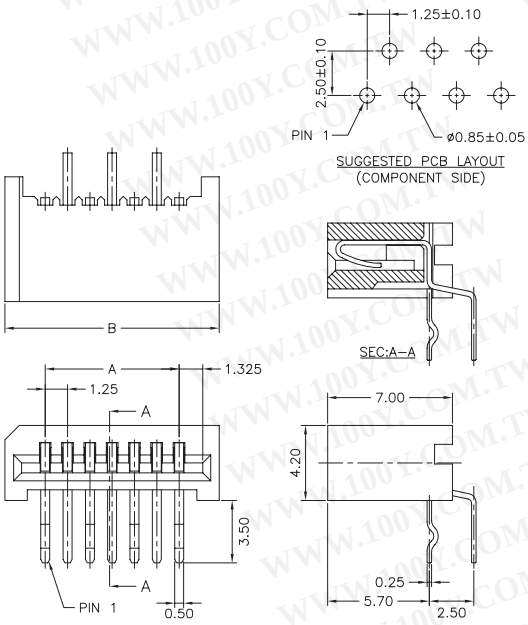
F1258WR

1.25mm pitch FFC/FPC 90° Connector, NON-ZIF,
Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1258WR-04PT	3.75	8.25
F1258WR-05PT	5.00	9.50
F1258WR-06PT	6.25	10.75
F1258WR-07PT	7.50	12.00
F1258WR-08PT	8.75	13.25
F1258WR-09PT	10.00	14.50
F1258WR-10PT	11.25	15.75
F1258WR-11PT	12.50	17.00
F1258WR-12PT	13.75	18.25
F1258WR-13PT	15.00	19.50
F1258WR-14PT	16.25	20.75
F1258WR-15PT	17.50	22.00
F1258WR-16PT	18.75	23.25
F1258WR-17PT	20.00	24.50
F1258WR-18PT	21.25	25.75
F1258WR-19PT	22.50	27.00

PART NO.	Dimensions	
	A	B
F1258WR-20PT	23.75	28.25
F1258WR-21PT	25.00	29.50
F1258WR-22PT	26.25	30.75
F1258WR-23PT	27.50	32.00
F1258WR-24PT	28.75	33.25
F1258WR-25PT	30.00	34.50
F1258WR-26PT	31.25	35.75
F1258WR-27PT	32.50	37.00
F1258WR-28PT	33.75	38.25
F1258WR-29PT	35.00	39.50
F1258WR-30PT	36.25	40.75
F1258WR-31PT	37.50	42.00
F1258WR-32PT	38.75	43.25
F1258WR-33PT	40.00	44.50
F1258WR-34PT	41.25	45.75

Unit:mm

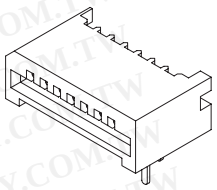
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

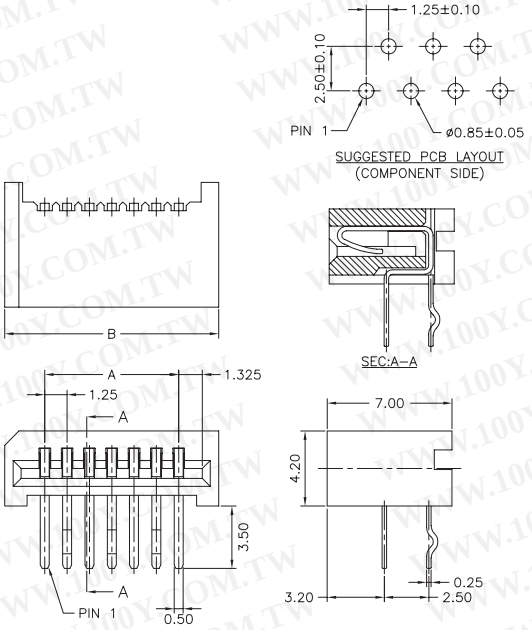
F1258WRA

1.25mm pitch FFC/FPC 90° Connector, NON-ZIF, Top Contact Style

Reference Informations:

*Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon 9T,UL94V-0



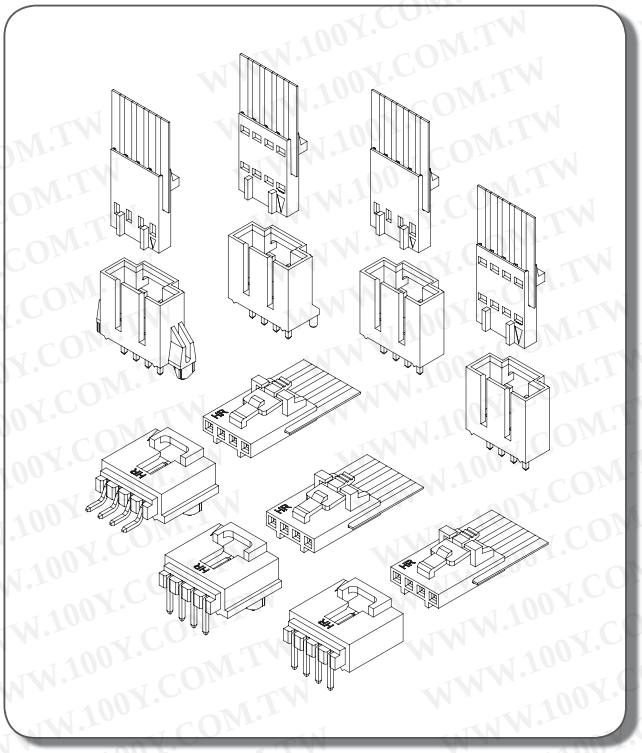


Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F1258WRA-04PT	3.75	8.25
F1258WRA-05PT	5.00	9.50
F1258WRA-06PT	6.25	10.75
F1258WRA-07PT	7.50	12.00
F1258WRA-08PT	8.75	13.25
F1258WRA-09PT	10.00	14.50
F1258WRA-10PT	11.25	15.75
F1258WRA-11PT	12.50	17.00
F1258WRA-12PT	13.75	18.25
F1258WRA-13PT	15.00	19.50
F1258WRA-14PT	16.25	20.75
F1258WRA-15PT	17.50	22.00
F1258WRA-16PT	18.75	23.25
F1258WRA-17PT	20.00	24.50
F1258WRA-18PT	21.25	25.75
F1258WRA-19PT	22.50	27.00

PART NO.	Dimensions	
	A	B
F1258WRA-20PT	23.75	28.25
F1258WRA-21PT	25.00	29.50
F1258WRA-22PT	26.25	30.75
F1258WRA-23PT	27.50	32.00
F1258WRA-24PT	28.75	33.25
F1258WRA-25PT	30.00	34.50
F1258WRA-26PT	31.25	35.75
F1258WRA-27PT	32.50	37.00
F1258WRA-28PT	33.75	38.25
F1258WRA-29PT	35.00	39.50
F1258WRA-30PT	36.25	40.75
F1258WRA-31PT	37.50	42.00
F1258WRA-32PT	38.75	43.25
F1258WRA-33PT	40.00	44.50
F1258WRA-34PT	41.25	45.75

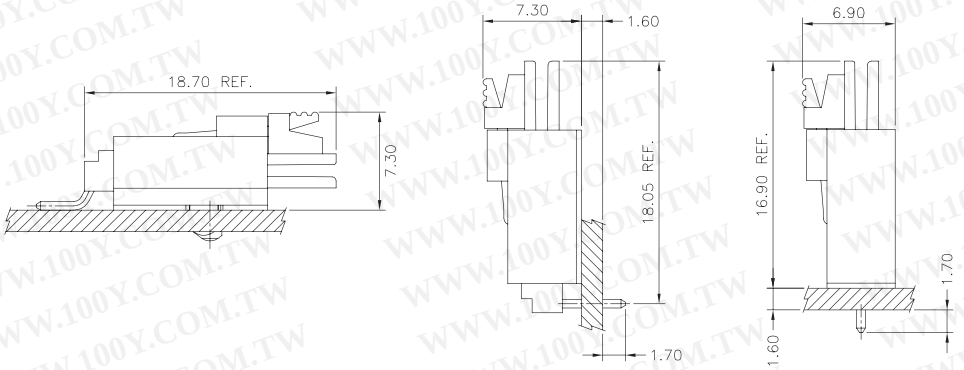
Unit:mm



Specifications

Current rating: 2A AC,DC
Voltage rating: 250V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 500V AC/minute
Contact H.R for details

Assembly layout



Ordering code

❶ ❷ ❸ ❹ ❺
F2544 – T P E -A

❶ Series No.
❷ Plating code: T=Tin–plated
❸ Material: P=Phosphor bronze
❹ E=Stamping before plating
❺ Option code: -A=A type, -B=B type

❶ ❷ ❸ ❹
F2544 H – 05P -LA

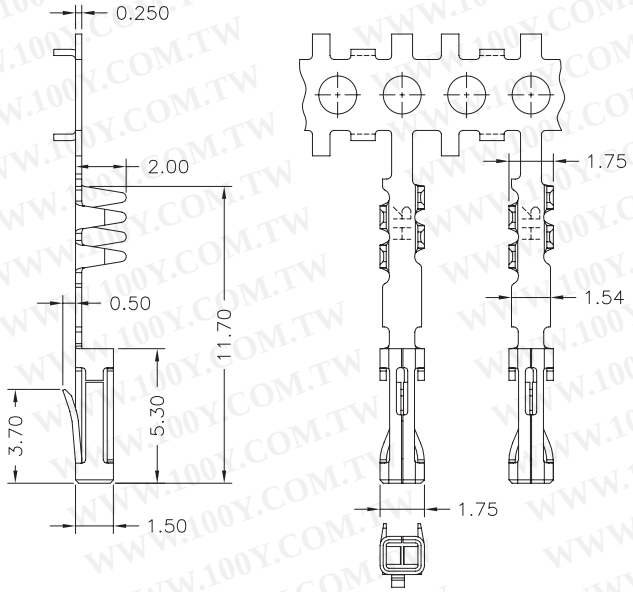
❶ Series No.
❷ H=Housing
❸ No. of circuits
❹ Option code:
-A=A type, Without lock
-B=B type, Without lock
-LA=A type, With lock
-LB=B type, With lock

F2544-T

2.54mm pitch FFC Terminal - B TYPE

Reference Informations:

*Used in H.R F2544 series Housing - B TYPE



Ordering Information & Specifications: Unit:mm

Part No.	Material	Finish	Qty/reel
F2544-TPE-B	Phosphor Bronze	Tin-plated	10,000pcs

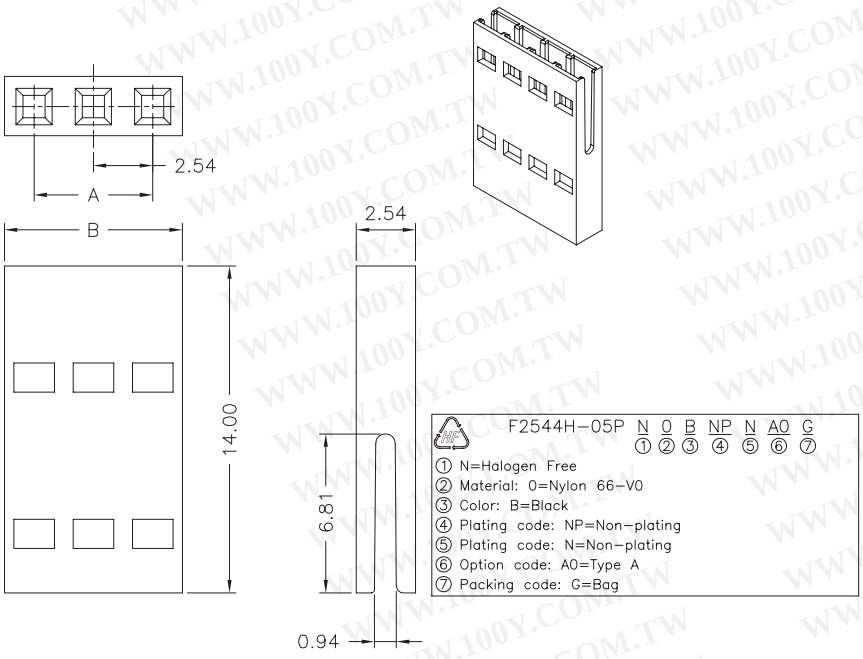
Note:E-Stamping before Tin-plated

F2544H

2.54mm pitch FFC Connector Without Lock - A TYPE

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R F2544 series Terminal - A TYPE
*Mates with H.R A2541 series Wafer



Ordering Information & Dimensions:

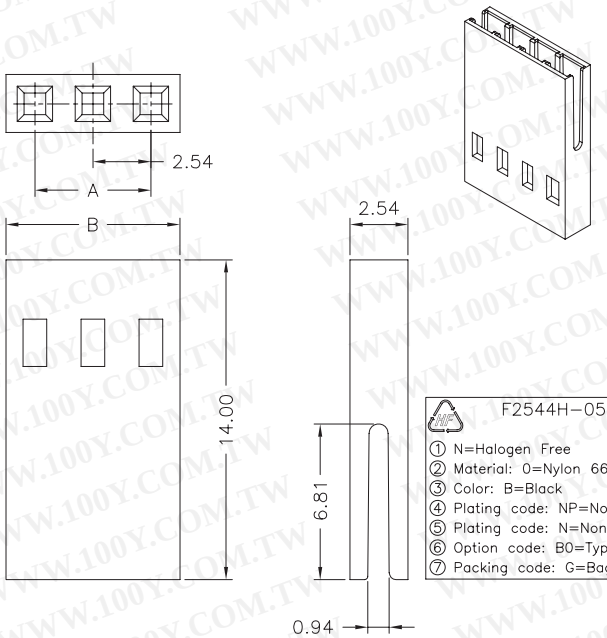
PART NO.	Dimensions	
	A	B
F2544H-02P-A	2.54	5.08
F2544H-03P-A	5.08	7.62
F2544H-04P-A	7.62	10.16
F2544H-05P-A	10.16	12.70
F2544H-06P-A	12.70	15.24
F2544H-07P-A	15.24	17.78
F2544H-08P-A	17.78	20.32
F2544H-09P-A	20.32	22.86
F2544H-10P-A	22.86	25.40
F2544H-11P-A	25.40	27.94
F2544H-12P-A	27.94	30.48
F2544H-13P-A	30.48	33.02
F2544H-14P-A	33.02	35.56
F2544H-15P-A	35.56	38.10
F2544H-16P-A	38.10	40.64
F2544H-17P-A	40.64	43.18
F2544H-18P-A	43.18	45.72
F2544H-19P-A	45.72	48.26
F2544H-20P-A	48.26	50.80
F2544H-21P-A	50.80	53.34
F2544H-22P-A	53.34	55.88
F2544H-23P-A	55.88	58.42
F2544H-24P-A	58.42	60.96
F2544H-25P-A	60.96	63.50

Unit:mm

F2544H — 2.54mm pitch FFC Connector Without Lock - B TYPE

Reference Informations:

*Material: Nylon 66,UL94V-0
*Suitable H.R F2544 series Terminal - B TYPE
*Mates with H.R A2541 series Wafer



F2544H–05P N 0 B NP N B0 G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66–V0
③ Color: B=Black
④ Plating code: NP=Non–plating
⑤ Plating code: N=Non–plating
⑥ Option code: B0=Type B
⑦ Packing code: G=Bag

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F2544H-02P-B	2.54	5.08
F2544H-03P-B	5.08	7.62
F2544H-04P-B	7.62	10.16
F2544H-05P-B	10.16	12.70
F2544H-06P-B	12.70	15.24
F2544H-07P-B	15.24	17.78
F2544H-08P-B	17.78	20.32
F2544H-09P-B	20.32	22.86
F2544H-10P-B	22.86	25.40
F2544H-11P-B	25.40	27.94
F2544H-12P-B	27.94	30.48
F2544H-13P-B	30.48	33.02
F2544H-14P-B	33.02	35.56
F2544H-15P-B	35.56	38.10
F2544H-16P-B	38.10	40.64
F2544H-17P-B	40.64	43.18
F2544H-18P-B	43.18	45.72
F2544H-19P-B	45.72	48.26
F2544H-20P-B	48.26	50.80
F2544H-21P-B	50.80	53.34
F2544H-22P-B	53.34	55.88
F2544H-23P-B	55.88	58.42
F2544H-24P-B	58.42	60.96
F2544H-25P-B	60.96	63.50

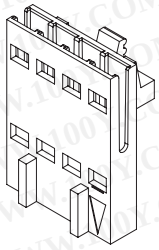
Unit:mm

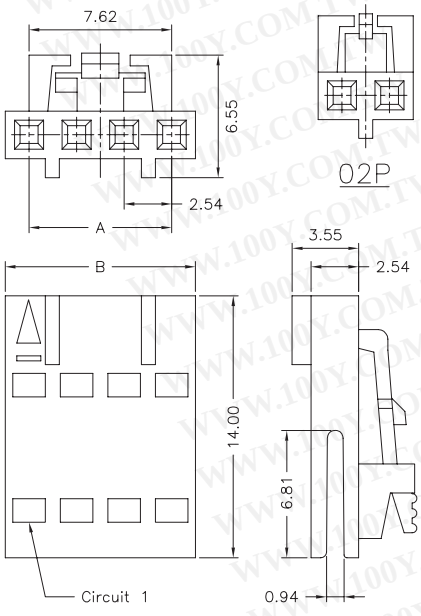
F2544H — 2.54mm pitch FFC Connector With Lock - A TYPE

Reference Informations:

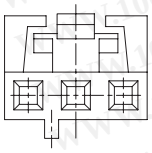
*Material: PBT30%GF,UL94V-0
*Suitable H.R F2544 series Terminal - A TYPE
*Mates with H.R A2541 series Wafer

F2544H–05P N 0 B NP N LA G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66–V0
③ Color: B=Black
④ Plating code: NP=Non–plating
⑤ Plating code: N=Non–plating
⑥ Option code: LA=Type A with lock
⑦ Packing code: G=Bag





02P


03P

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F2544H-02P-LA	2.54	5.08
F2544H-03P-LA	5.08	7.62
F2544H-04P-LA	7.62	10.16
F2544H-05P-LA	10.16	12.70
F2544H-06P-LA	12.70	15.24
F2544H-07P-LA	15.24	17.78
F2544H-08P-LA	17.78	20.32
F2544H-09P-LA	20.32	22.86
F2544H-10P-LA	22.86	25.40
F2544H-11P-LA	25.40	27.94
F2544H-12P-LA	27.94	30.48
F2544H-14P-LA	33.02	35.56

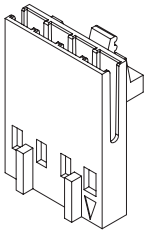
Unit:mm

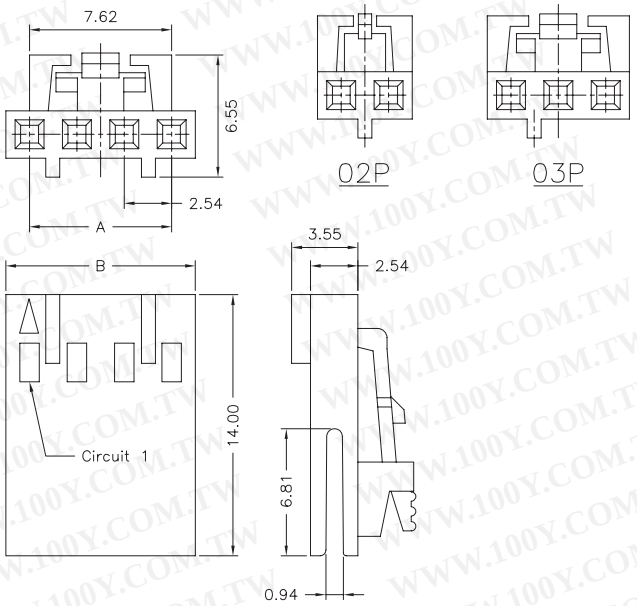
F2544H 2.54mm pitch FFC Connector With Lock - B TYPE

Reference Informations:

*Material: PBT30%GF,UL94V-0
*Suitable H.R F2544 series Terminal - B TYPE
*Mates with H.R A2541 series Wafer

F2544H-05P N 0 B NP N LB G
① ② ③ ④ ⑤ ⑥ ⑦
① N=Halogen Free
② Material: 0=Nylon 66-V0
③ Color: B=Black
④ Plating code: NP=Non-plating
⑤ Plating code: N=Non-plating
⑥ Option code: LB=Type B with lock
⑦ Packing code: G=Bag

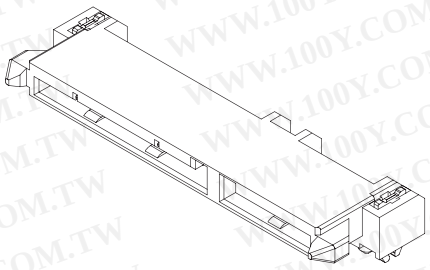




Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
F2544H-02P-LB	2.54	5.08
F2544H-03P-LB	5.08	7.62
F2544H-04P-LB	7.62	10.16
F2544H-05P-LB	10.16	12.70
F2544H-06P-LB	12.70	15.24
F2544H-07P-LB	15.24	17.78
F2544H-08P-LB	17.78	20.32
F2544H-09P-LB	20.32	22.86
F2544H-10P-LB	22.86	25.40
F2544H-11P-LB	25.40	27.94
F2544H-12P-LB	27.94	30.48
F2544H-14P-LB	33.02	35.56

Unit:mm



Specifications

Current rating: 1.5A AC,DC
Voltage rating: 15V AC,DC
Temperature range: -40°C ~ +105°C
Contact resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1500V AC/minute
Contact H.R for details

Ordering code

❶	❷	❸	❹	❺	❻	❼	❽	❾	❿	⓫
ST	R	22	001	– N	L	B	H5	T	00	T

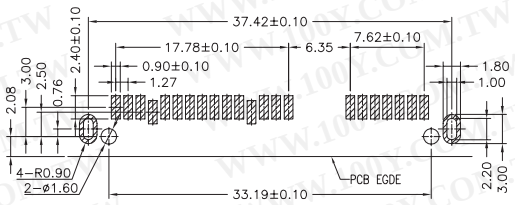
❶ Series name:
ST=Serial ATA
❷ Connector type:
R=Receptacle Type
❸ No. of circuits:
22=07P(Signal)+15P(Power)
❹ Series No.:
001, 002, 003.....
❺ N=Halogen Free
❻ Material code:
L=LCP
❼ Color code:
B=Black
❽ Plating code for contacts:
H5=Gold-plated 15u" on contact area,
Tin-plated on solder area
❾ Plating code for second metal:
T=Tin-plated/Matte Tin-plated
❿ Option code:
00=Standard
⓫ Packing code:
R=Tape & Reel(Without Cap or Mylar)
T=Tube(Without Cap or Mylar)

STR22001

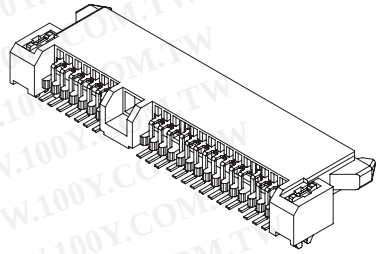
Serial ATA 7+15P 90° Receptacle - SMT TYPE

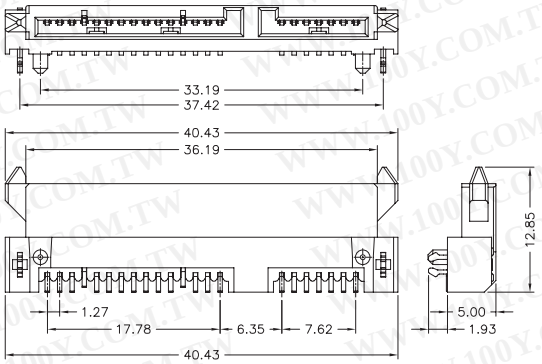
Reference Informations:

*Material: Pin: Phosphor Bronze/Gold-plated 15u" on contact area;
Tin-plated on solder area
Clips: Brass/Tin-plated
Housing: LCP,UL94V-0



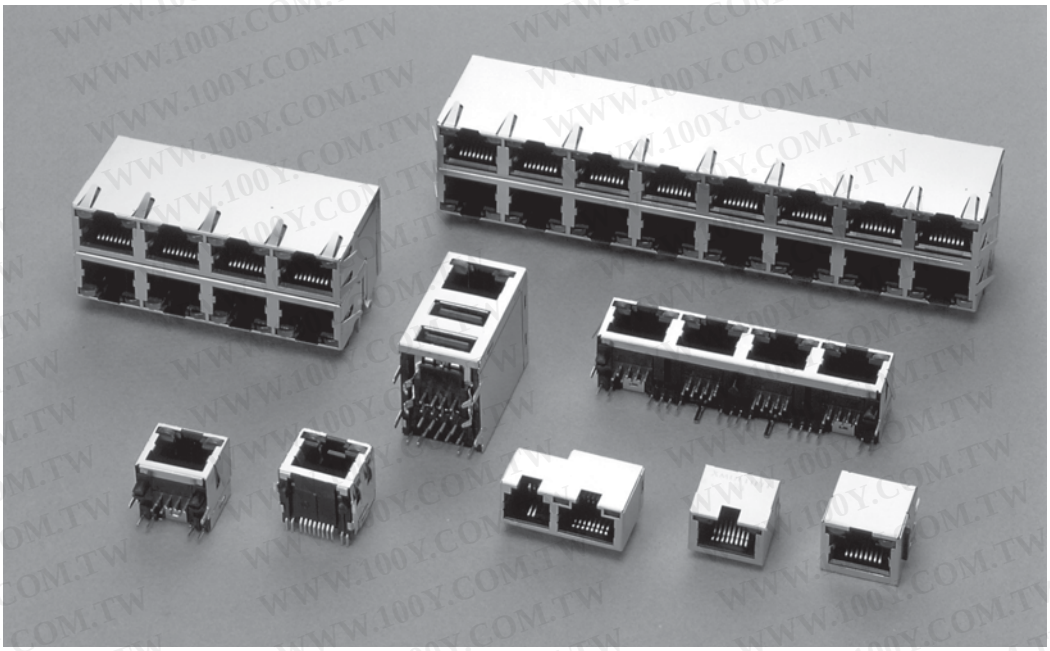
P.C.B LAYOUT





STR22001 – N L B H5 T 00 T
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: H5=Gold-plated 15u"/Tin-plated
⑤ Plating code: T=Tin-plated
⑥ Option code: 00=Standard
⑦ Packing code: T=Tube, R=Tape & Reel



Specifications

Current rating: 1.5A AC,DC
Voltage rating: 125V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 50mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 1000V AC/minute
Contact H.R for details

Ordering code

❶ ❷ ❸ ❹ ❺ ❻
HRJ8012 15-U 25 88-F1

❶ Series No.: HRJ8006, HRJ8012
❷ Plating code: 06=6u", 15=15u"
❸ Shielded type: U=Unshielded
❹ No. of ports:
15=1X5, 16=1X6, 25=2X5, 26=2X6
❺ 88=8 Positions, 8 Contacts
❻ Peg type:
F1=Rhombus pegs, F2=Round pegs

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽
HRJM 15-S 11 88-X-D-F1

❶ Series No.: HRJM, HRJD
❷ Plating code: 06=6u", 15=15u"
❸ Shielded type: S=Shielded, U=Unshielded
❹ No. of ports:
11=1X1, 14=1X4, 24=2X4, 28=2X8
❺ 88=8 Positions, 8 Contacts
❻ LED option code
❼ Shielded spring type:
D=With springs, T=Without spring,
N=Without spring on right & left side
❽ Peg type:
F1=Split pegs, F2=Round pegs

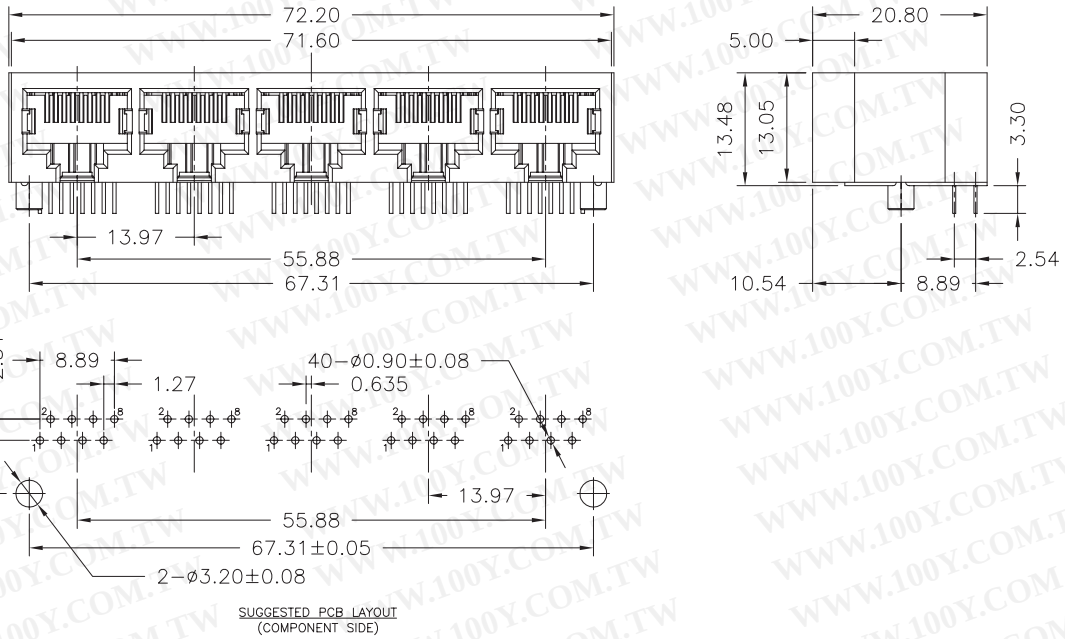
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

HRJ800615-U1588-F1

5 ports RJ45 modular jack, rhombus pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area

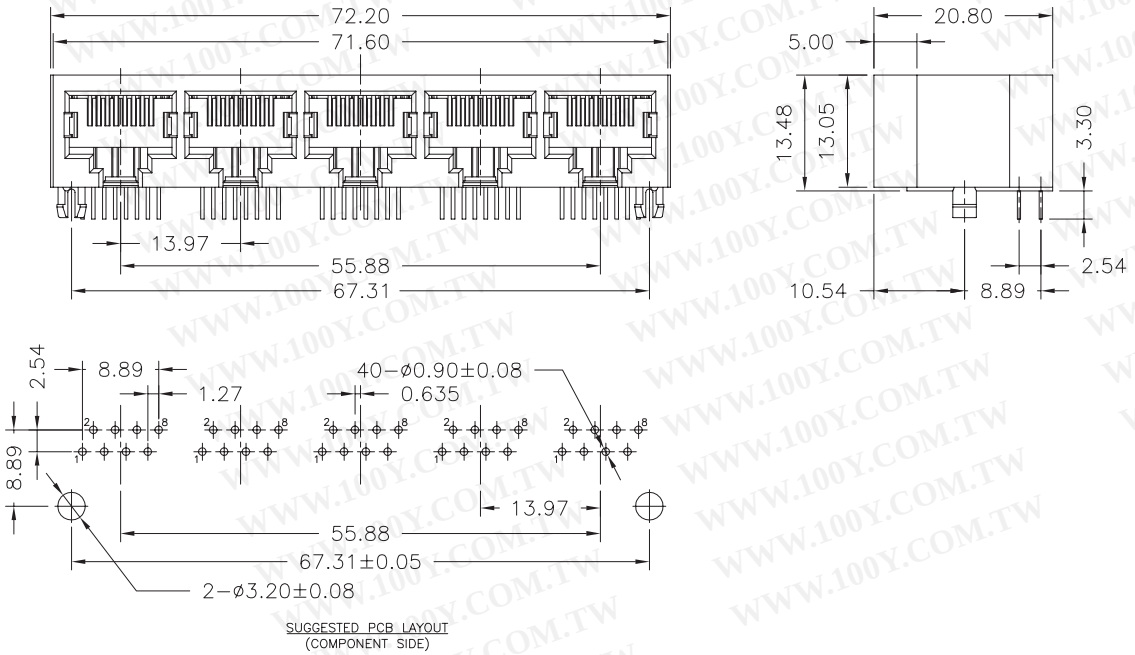


HRJ800615-U1588-F2

5 ports RJ45 modular jack, round pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area

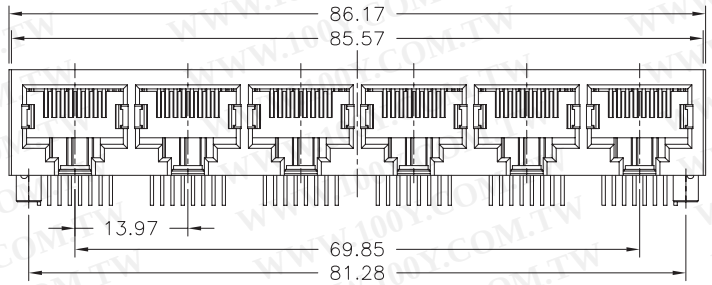


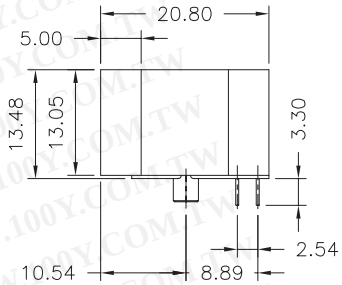
HRJ800615-U1688-F1

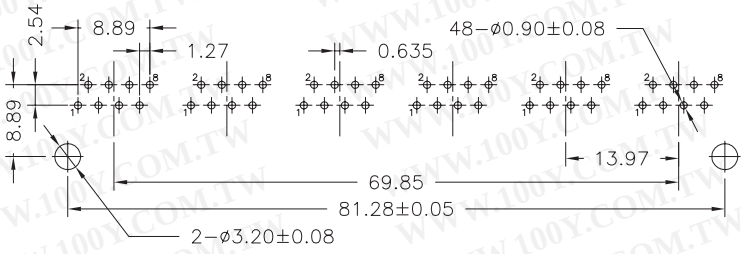
6 ports RJ45 modular jack, rhombus pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area







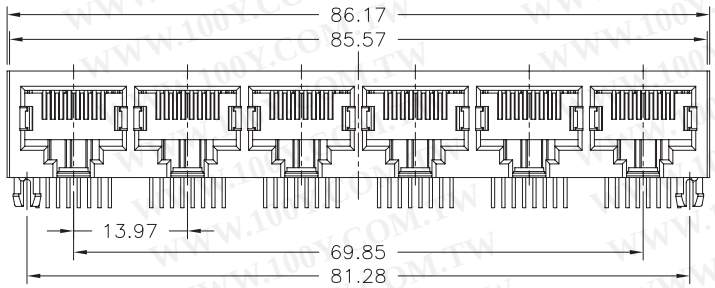
SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

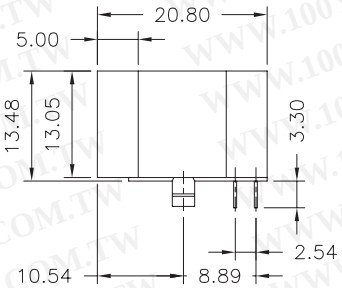
HRJ800615-U1688-F2

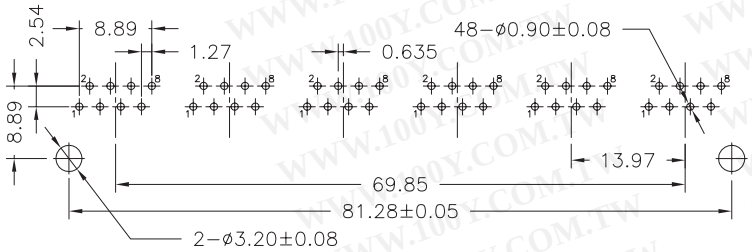
6 ports RJ45 modular jack, round pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area







SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

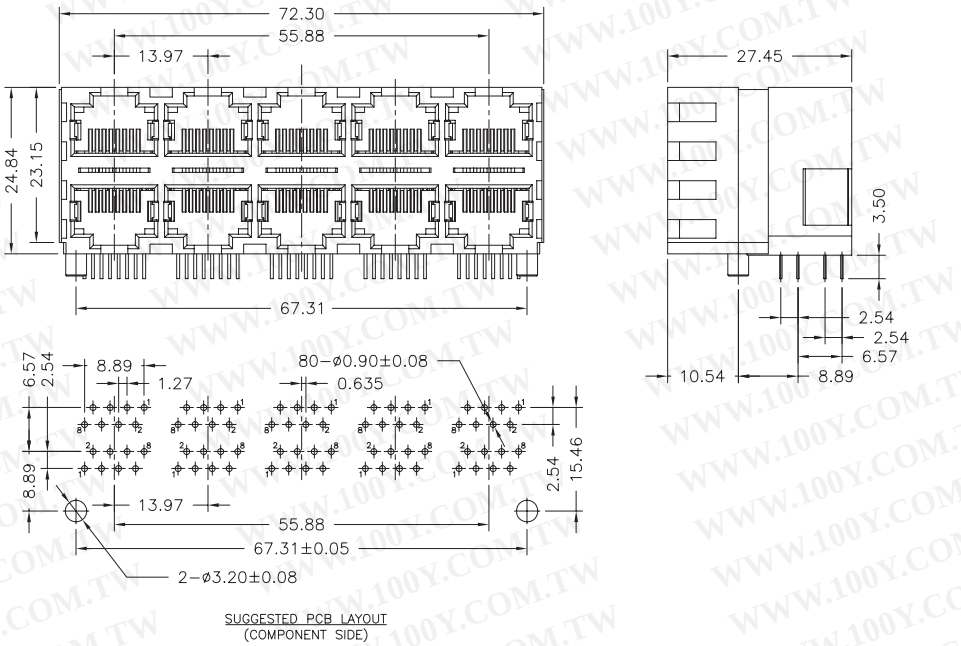
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

HRJ801215-U2588-F1

2X5 ports RJ45 modular jack, rhombus pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area



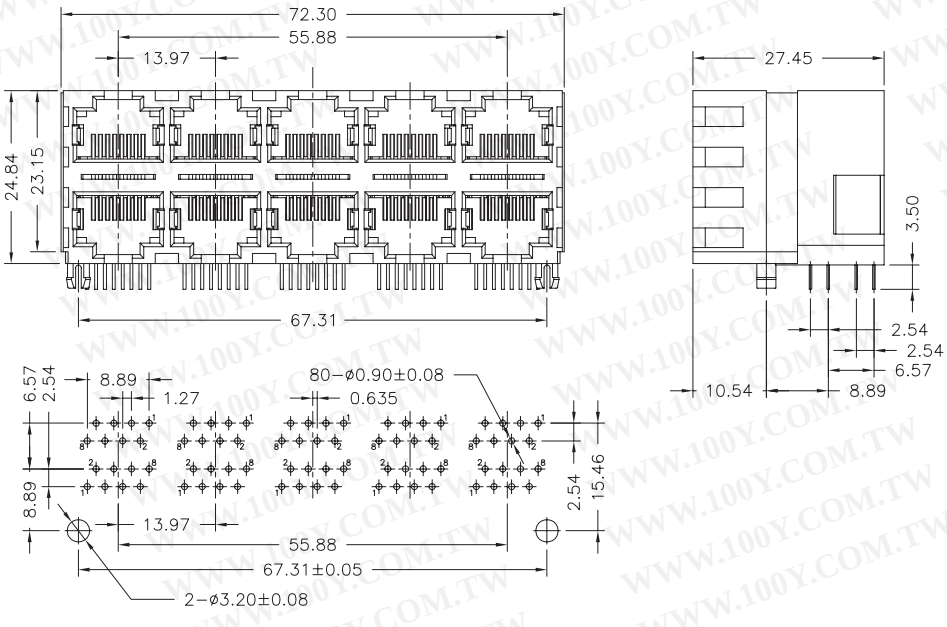
SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

HRJ801215-U2588-F2

2X5 ports RJ45 modular jack, round pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area



SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

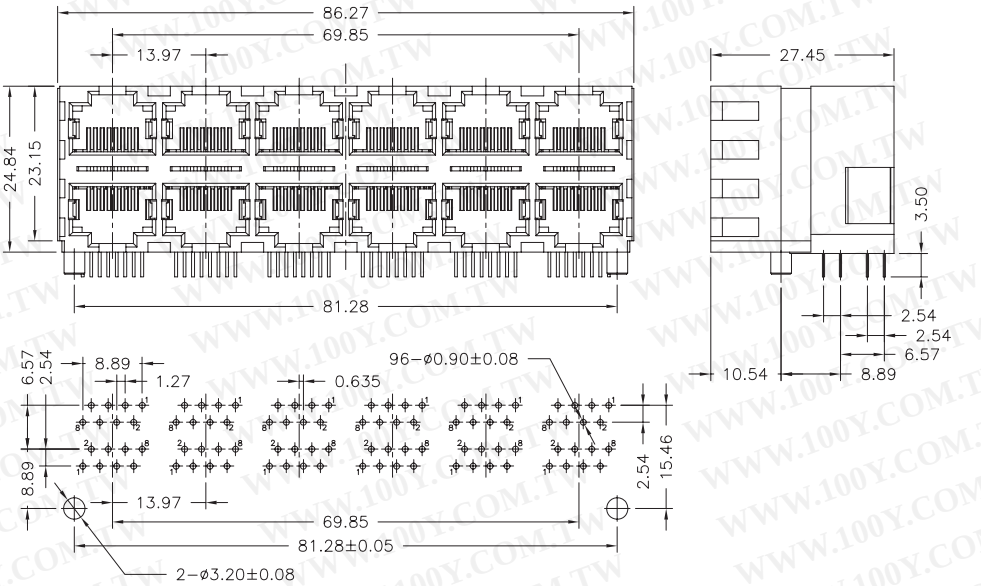
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

HRJ801215-U2688-F1

2X6 ports RJ45 modular jack, rhombus pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area



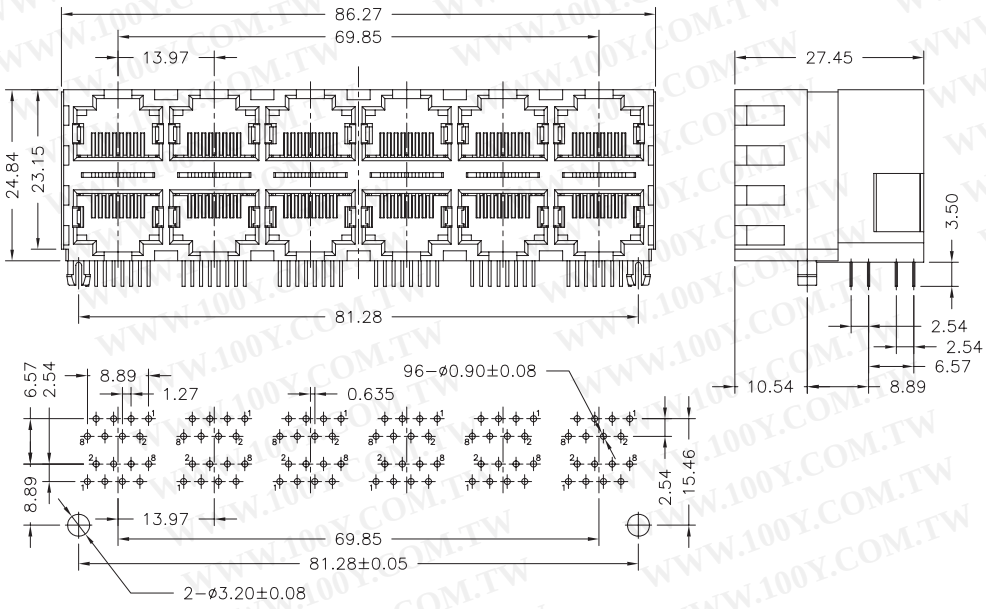
SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

HRJ801215-U2688-F2

2X6 ports RJ45 modular jack, round pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area



SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

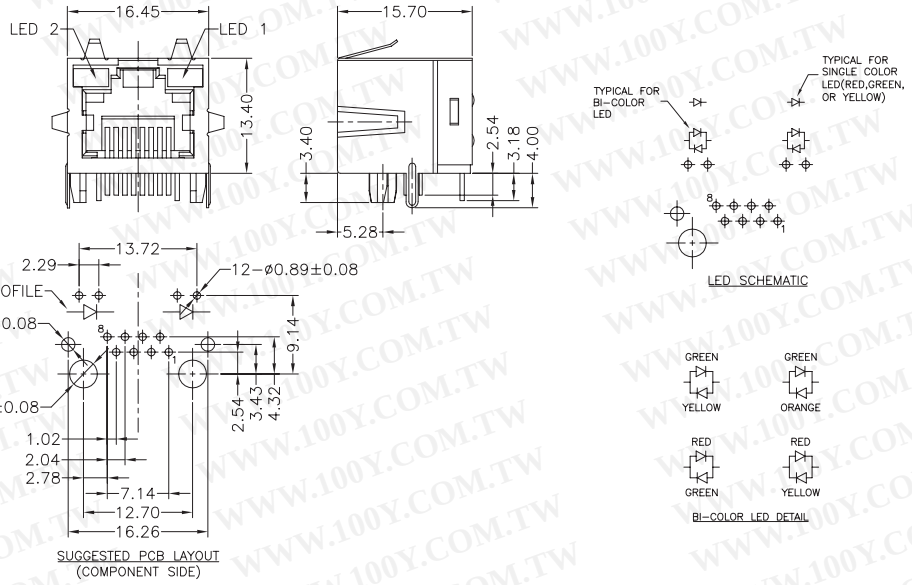
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

HRJM15-S1188-X-D-F1

1 port RJ45 modular jack, split pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area
Shielded: Copper Zinc Alloy/Nickel-plated
*X means LED option, refer to LED COLOR OPTION TABLE

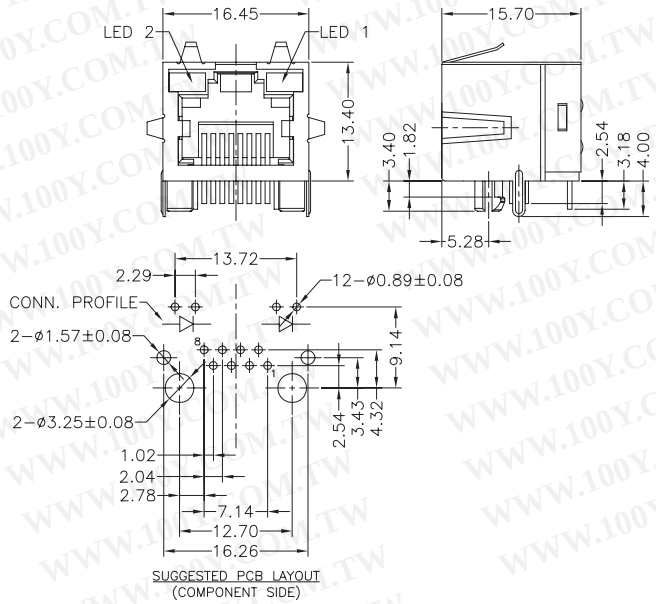


HRJM15-S1188-X-D-F2

1 port RJ45 modular jack, round pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area
Shielded: Copper Zinc Alloy/Nickel-plated
*X means LED option, refer to LED COLOR OPTION TABLE

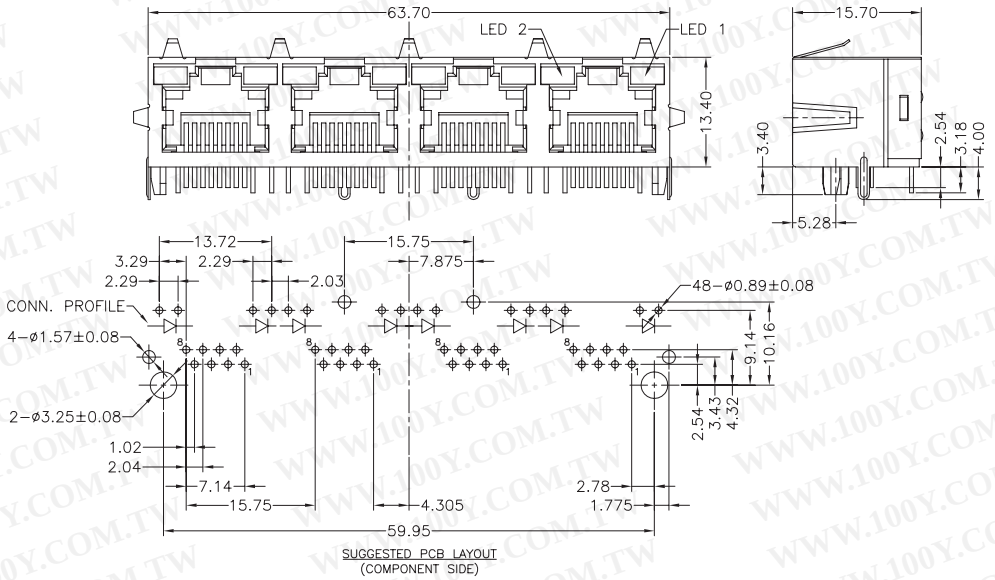


HRJM15-S1488-X-D-F1

4 ports RJ45 modular jack, split pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area
Shielded: Copper Zinc Alloy/Nickel-plated
*X means LED option, refer to LED COLOR OPTION TABLE

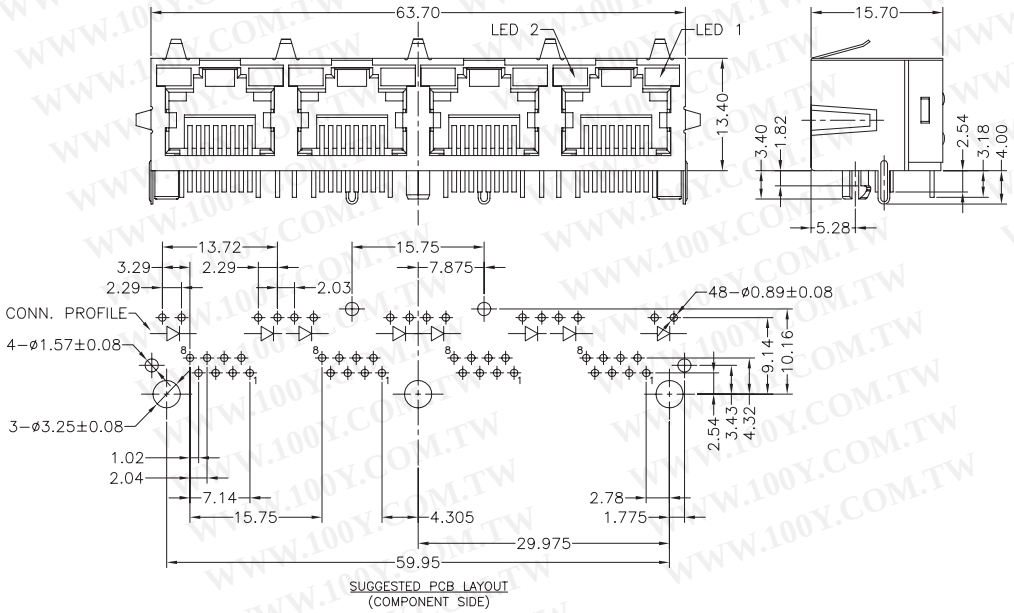


HRJM15-S1488-X-D-F2

4 ports RJ45 modular jack, round pegs

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area
Shielded: Copper Zinc Alloy/Nickel-plated
*X means LED option, refer to LED COLOR OPTION TABLE



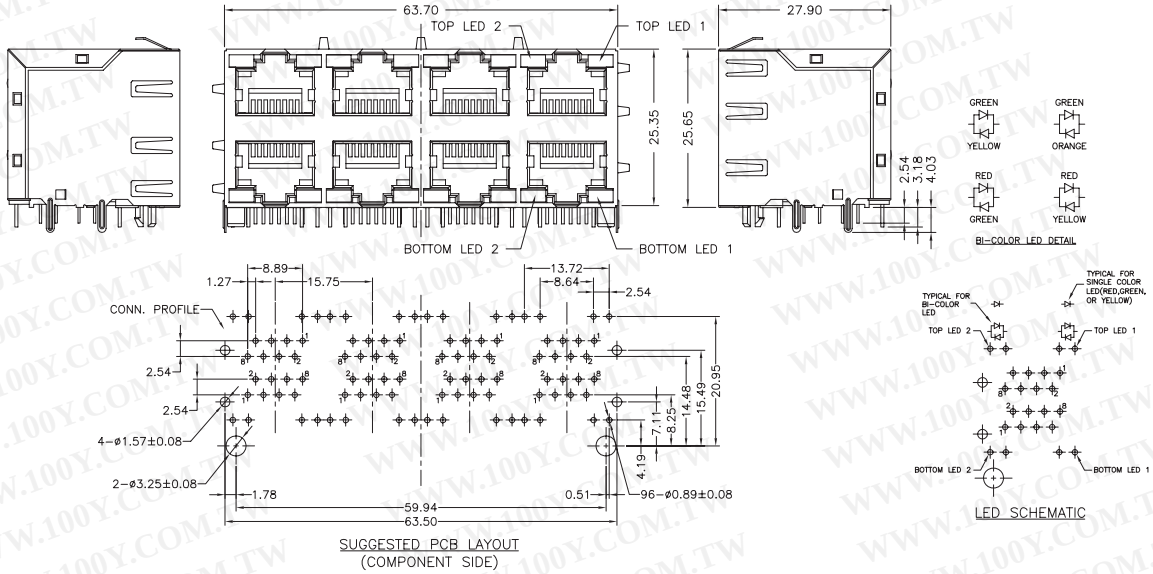
TEL:886-2-8648-0379 FAX:886-2-8647-8373 E-MAIL:info@hr-connector.com.tw

HRJD15-S2488-X-D

2X4 ports RJ45 modular jack

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area
Shielded: Copper Zinc Alloy/Nickel-plated
*X means LED option, refer to LED COLOR OPTION TABLE

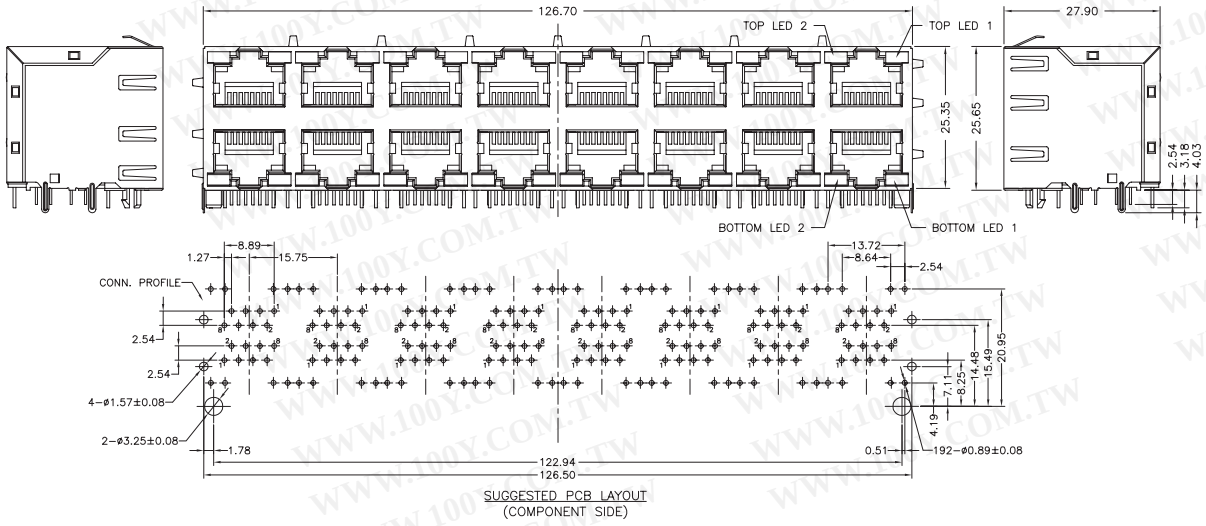


HRJD15-S2888-X-D

2X8 ports RJ45 modular jack

Reference Informations:

*Material: Housing: PBT,UL94V-0
Contacts: Phosphor Bronze/Tin-plated on solder area,
Gold-plated 15μ" on contact area
Shielded: Copper Zinc Alloy/Nickel-plated
*X means LED option, refer to LED COLOR OPTION TABLE



LED COLOR OPTION TABLE

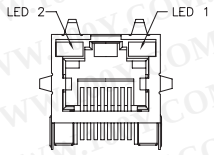
CODE	LED2 (LEFT)	LED1 (RIGHT)
0	BLOCKED	BLOCKED
1	YELLOW	GREEN
2	BLOCKED	GREEN
3	YELLOW	BLOCKED
4	GREEN	YELLOW
5	GREEN	GREEN
6	YELLOW	YELLOW
7	OR/GR	OR/GR
8	YE/GR	YE/GR
9	OR/GR	YELLOW

CODE	LED2 (LEFT)	LED1 (RIGHT)
A	BiC GR/YE	BiC GR/YE
B	BiC RD/GR	BiC RD/GR
C	BiC RD/GR	BiC GR/YE
D	GREEN	BiC GR/YE
E	YELLOW	BiC GR/YE
F	BiC GR/YE	YELLOW
G	BiC GR/OR	BiC GR/OR
H	BiC GR/YE	GREEN
J	BiC RD/GR	YELLOW
K	YELLOW	BiC GR/OR

CODE	LED2 (LEFT)	LED1 (RIGHT)
L	BiC GR/YE	RED
M	RED	YELLOW
N	BiC RD/GR	BiC GR/YE
P	GREEN	BiC RD/GR
R	BiC GR/OR	GREEN
T	RED	RED
V	BiC RD/GR	GREEN
W	ADDITIONAL OPTIONS	

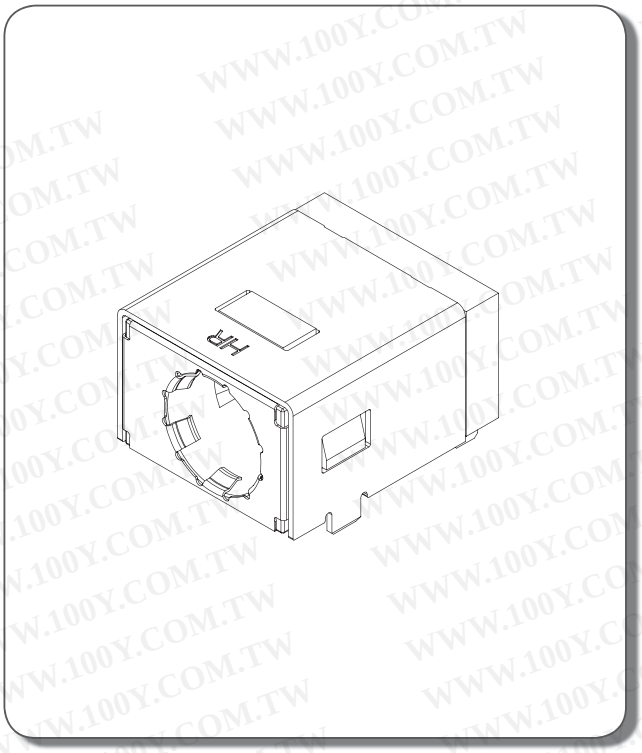
CODE	LED2 (LEFT)	LED1 (RIGHT)
W0	SEE STANDARD DESIGNATION	
W1	RED	BLOCKED
W2	BiC GR/OR	YELLOW
W3	YELLOW	RED
W4	BLOCKED	RED
W5	BLOCKED	YELLOW
W6	RED	BiC RD/GR

CODE	LED2 (LEFT)	LED1 (RIGHT)
W7	ORANGE	GREEN
W8	RED	GREEN
W9	AMBER	GREEN
W10	BiC YE/GR	BiC RD/GR
W11	GREEN	RED
W12	GREEN	AMBER
W13	BLOCKED	BiC RD/GR



TYPICAL FOR SINGLE & MULTI-PORT

LEGEND
BiC=BI-COLOR LED
YE=YELLOW
GR=GREEN
RD=RED
OR=ORANGE



Specifications

Temperature range: -40°C ~ +105°C
Contact H.R for details

Ordering code

❶	❷	❸	❹	❺	❻	❼	❽	❾
DC	0001	-N	L	B	G1	G	00	R

❶ Series name:
DC=DC Power Jack
❷ Series No.:
0001, 0002, 0003, ...
❸ N=Halogen Free
❹ Material code:
L=LCP
❺ Color code:
B=Black
❻ Plating code for contacts:
G1=Gold-flash
❼ Plating code for second metal:
G=Gold-flash
❽ Option code:
00=Standard
❾ Packing code:
R=Tape & Reel(Without Cap or Mylar)

DC0001 DC Power Jack connector

Reference Informations:

No.	Description	Material	Color
A	Insulator	LCP,UL94V-0	Black
B	Pin	Brass/Gold-flash	------
C	Spring terminal	Phosphor Bronze/Gold-flash	------
D	Singal terminal	Phosphor Bronze/Gold-flash	------
E	Shell	Brass/Nickel-plated	------
F	Ground shell	Stainless	------
G	Fix power pin	Brass/Gold-flash	------

DC0001 – N L B G1 G 00 R
① ② ③ ④ ⑤ ⑥ ⑦

① N=Halogen Free
② Material: L=LCP
③ Color: B=Black
④ Plating code: G1=Gold-flash
⑤ Plating code: G=Gold-flash
⑥ Option code: 00=Standard
⑦ Packing code: R=Tape & Reel

