

突波保護器

突波(高壓)吸收保護器 (避雷器)
Surge Arrester 'Powerguard'

DSD140-2S-150



Features

Competitive price
Single phase primary protection for low exposure sites or secondary protection applications
Single mode protection, configurable to Ph-N, Ph-E and N-E protection
35mm DIN rail mount, DIN 43880 profile matches common MCBs
36mm width compact design fits into most switch and distribution boards
Electronic status indicator ideal for poorly illuminated locations
Long service life
Optional retrofittable DIN LINE Alarm Relay for remote alarms
Optional retrofittable DIN LINE Surge Counter

Operation:

Input voltage*220-240Vac
Input frequency.....50/60Hz

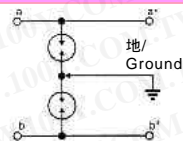
Physicals:

Environmental rating.....Ip20
Operating conditions.....0-65 °C, 0-90% humidity
Dimensions(WxDxH).....36x88x70mm
Weight.....200g(approx.)

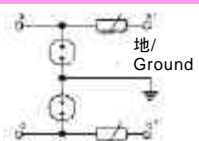
Part No.	Product No.	Description	規格
13586	DSD140-2S-150	並聯型突波消除器	150Vac 10mA 50~60Hz

二、基本應用電路 Basic Circuit of application

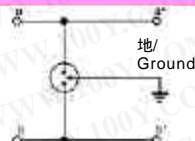
1. 二極管過電壓保護電路



4. 帶有熱敏電阻的二極管過電壓過電流保護電路



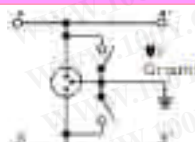
2. 三極管過電壓保護電路



5. 帶有熱敏電阻的三極管過電壓過電流保護電路



3. 帶有熱熔塊保護卡的三極管過電壓過電流保護電路



6. 帶有熱敏電阻、熱熔塊保護卡的三極管過電壓過電流保護電路



陶瓷放電二極管

2-Electrode Ceramic Surge Arrester



陶瓷放電二極管.....

陶瓷放電二極管 2-Electrode Ceramic Surge Arrester

Part No.	Product No.	Description
15455	2R-75A2L	陶瓷放電二極管
15456	2R-90A2L	陶瓷放電二極管
15457	2R-150A2L	陶瓷放電二極管

三極放電管的應用.....

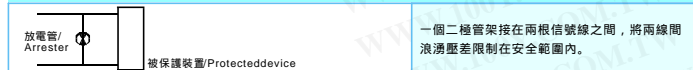
氣體放電管主要用在通信系統中對交換機種配線架, 以及用戶終端設備的過電壓保護。隨著計算機、傳真機、調制解調器等高精度的電子設備應用的日趨廣泛, 氣體放電管不但能對它們作過電壓防護, 而且也被用在具有外延電纜和高級放大器的高精度的有線電視系統防護感應電壓對其危害。

一、應用實例 The example of application

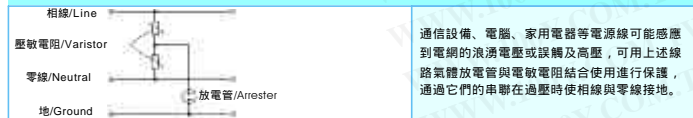
1. 電話傳真調制解調器保護 Telephone/Fax/Modem Protection



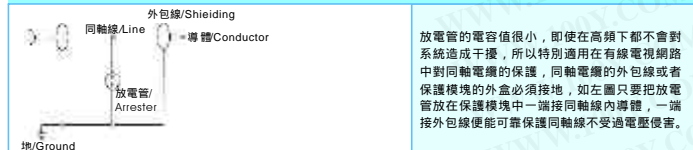
2. 信號線保護 Signal Line Protection



3. 交流線路保護 AC Line Protection



4. 有線電視同軸線保護 CATV/Coax Line Protection



電性能 Electrical Characteristics

型號 Type	直流擊穿電壓 (DC V) spark-over voltage (100%/s) V	衝擊擊穿電壓 (kV/us) spark-over voltage (1kV/us) V	耐壓沖擊電流 (10/100us) (30times) A impulse discharge current (10/100us) (30times) A	耐壓沖擊電流 (8/20us) (10times) KA impulse discharge current (8/20us) (10times) KA	耐交流電壓 (AC) (50Hz) (1.5times) A AC discharge current (50Hz) (1.5times) A	過保持電壓 (V) Holdover voltage V	絕緣電阻 (MΩ) Insulation resistance	極間電容 (pF) Capacitance	橫向電壓持續時間 (ms) Transverse voltage duration ms
3R-75AL1 3R-75AL2 3R-75AL3 3R-75AL4	75 ±25%	700	50	10	10	/	10 ⁹	<5	200
3R-90AL1 3R-90AL2 3R-90AL3 3R-90AL4	90 ±25%	700	50	10	10	/	10 ⁹	<5	200
3R-150AL1 3R-150AL2 3R-150AL3 3R-150AL4	150 ±20%	700	100	10	10	80	10 ⁹	<5	200
3R-230AL1 3R-230AL2 3R-230AL3 3R-230AL4	230 ±30 -4.0	800	100	10	10	135	10 ⁹	<5	200
3R-350AL1 3R-350AL2 3R-350AL3 3R-350AL4	350 ±20%	800	100	10	10	135	10 ⁹	<5	200
3R-470AL1 3R-470AL2 3R-470AL3 3R-470AL4	470 ±20%	900	100	10	10	135	10 ⁹	<5	200
3R-600AL1 3R-600AL2 3R-600AL3 3R-600AL4	600 ±20%	1200	100	10	10	135	10 ⁹	<5	200

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

歡迎訂購其他規格, 如有疑問請洽櫃台人員!!



▶▶ 三極放電管的應用.....

氣體放電管主要用在通信系統中對交換機種配線架,以及用戶終端設備的過電壓保護。隨著計算機、傳真機、調制解調器等高精度的電子設備應用的日趨廣泛,氣體放電管不但能對它們作過電壓防護,而且也被用在具有外延電纜和高級放大器的精度的有線電視系統防護感應電壓對其危害。

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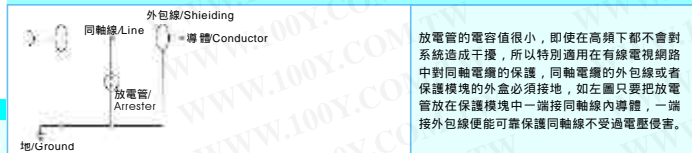
2. 信號線保護 Signal Line Protection



3. 交流線路保護 AC Line Protection



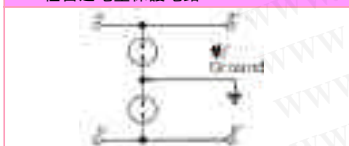
4. 有線電視同軸線保護 CATV/Coax Line Protection



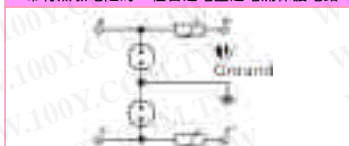
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二、基本應用電路 Basic Circuit of application

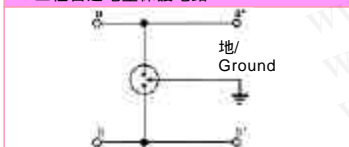
1. 二極管過電壓保護電路



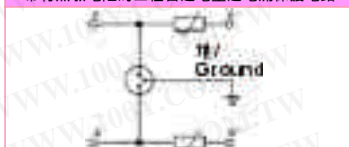
4. 帶有熱敏電阻的二極管過電壓過電流保護電路



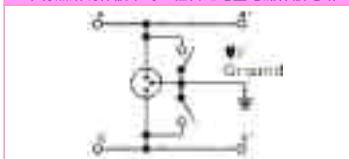
2. 三極管過電壓保護電路



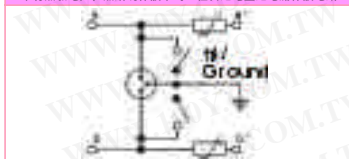
5. 帶有熱敏電阻的三極管過電壓過電流保護電路



3. 帶有熱熔塊保護卡的三極管過電壓過電流保護電路



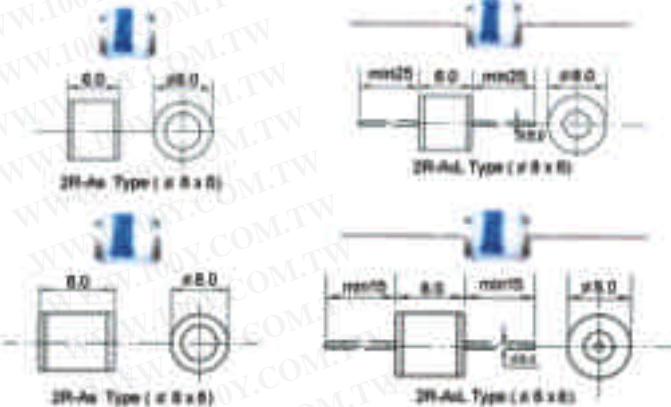
6. 帶有熱敏電阻、熱熔塊保護卡的三極管過電壓過電流保護電路



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▶▶ 陶瓷放電二極管.....

陶瓷放電二極管 2-Electrode Ceramic Surge Arrester

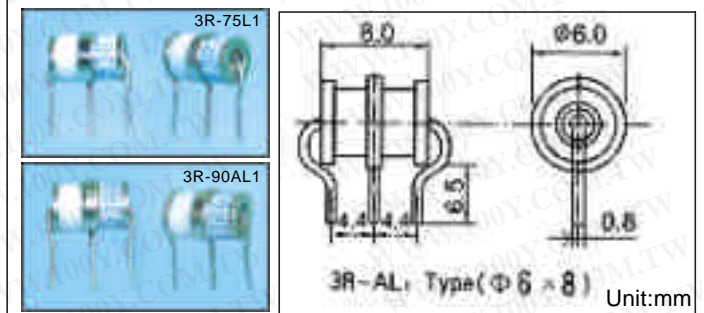


電性能 Electrical Characteristics

型號 Type	直流擊穿電壓 DC(V) spark-over voltage (100V/s)	沖擊擊穿電壓 Impulse spark-over voltage (1KV/us)	耐脈沖電流 Impulse discharge current (10/1000us/30times) A	耐脈沖電流 Impulse discharge current (8/20us/10times) KA	耐交流電壓 AC discharge current (50Hz/1.5times) A	過保持電壓 Holdover voltage V	絕緣電阻 Installation resistance	極間電容 Capacitance pF
2R-90A5 2R-90A5L 2R-90A6 2R-90A6L	90 ±25%	700	100	10	10	/	10 ⁹	<5
2R-150A5 2R-150A5L 2R-150A6 2R-150A6L	150 ±20%	700	100	10	10	80	10 ⁹	<5
2R-230A5 2R-230A5L 2R-230A6 2R-230A6L	230 +30 -40	800	100	10	10	135	10 ⁹	<5
2R-350A5 2R-350A5L 2R-350A6 2R-350A6L	350 ±20%	800	100	10	10	135	10 ⁹	<5
2R-470A5 2R-470A5L 2R-470A6 2R-470A6L	470 ±20%	900	100	10	10	135	10 ⁹	<5
2R-600A5 2R-600A5L 2R-600A6 2R-600A6L	600 ±20%	1200	100	10	10	135	10 ⁹	<5
2R-800A5 2R-800A5L 2R-800A6 2R-800A6L	800 ±20%	1400	100	10	10	135	10 ⁹	<5

▶▶ 陶瓷放電三極管.....

陶瓷放電三極管 3-Electrode Ceramic Surge Arrester

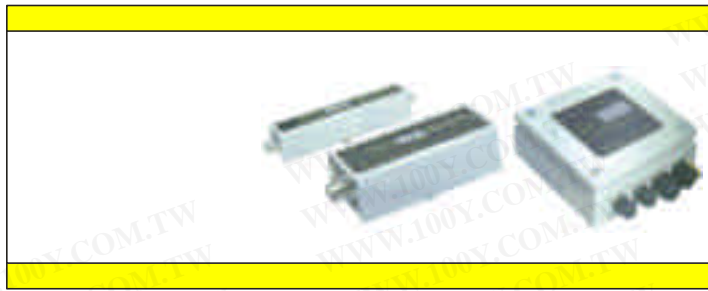


Part No.	Product No.	Description
15458	3R-75L1	陶瓷放電三極管
15459	3R-90AL1	陶瓷放電三極管
15460	3R-150AL1	陶瓷放電三極管

電性能 Electrical Characteristics

型號 Type	直流擊穿電壓 DC(V) spark-over voltage (100V/s)	沖擊擊穿電壓 Impulse spark-over voltage (1KV/us)	耐脈沖電流 Impulse discharge current (10/1000us/30times) A	耐脈沖電流 Impulse discharge current (8/20us/10times) KA	耐交流電壓 AC discharge current (50Hz/1.5times) A	過保持電壓 Holdover voltage V	絕緣電阻 Installation resistance	極間電容 Capacitance pF	橫向電壓持續時間 Transverse voltage generation ns
3R-75AL1 3R-75AL2 3R-75AL3 3R-75AL4	75 ±25%	700	50	10	10	/	10 ⁹	<5	200
3R-90AL1 3R-90AL2 3R-90AL3 3R-90AL4	90 ±25%	700	50	10	10	/	10 ⁹	<5	200
3R-150AL1 3R-150AL2 3R-150AL3 3R-150AL4	150 ±20%	700	100	10	10	80	10 ⁹	<5	200
3R-230AL1 3R-230AL2 3R-230AL3 3R-230AL4	230 +30 -40	800	100	10	10	135	10 ⁹	<5	200
3R-350AL1 3R-350AL2 3R-350AL3 3R-350AL4	350 ±20%	800	100	10	10	135	10 ⁹	<5	200
3R-470AL1 3R-470AL2 3R-470AL3 3R-470AL4	470 ±20%	900	100	10	10	135	10 ⁹	<5	200
3R-600AL1 3R-600AL2 3R-600AL3 3R-600AL4	600 ±20%	1200	100	10	10	135	10 ⁹	<5	200

資訊通信線保護器



電源插頭型濾波器



AC座含EMI濾波器

電源座含濾波功能
Power Line Filter

RATED VOLTAGE	115/ 250VAC	
POWERLINE FREQUENCY	50/60Hz	
RATED CURRENT	3A	
TYPICAL INSERTION LOSS (dB) Line-to-Ground In 50ohm system	0.15 MHz	15
	0.5 MHz	25
	1 MHz	30
	5 MHz	45
	10 MHz	50
	30 MHz	53
MAXIMUM LEAKAGE CURRENT (line-to-Ground)	@11 5VAC 60HZ 0.25mA @25 0VAC 50HZ 0.5mA	
DIELECTRIC STRENGTH	Line-to-Ground	2250VDC, oneminute
	Line-to-Line	1450VDC, oneminute

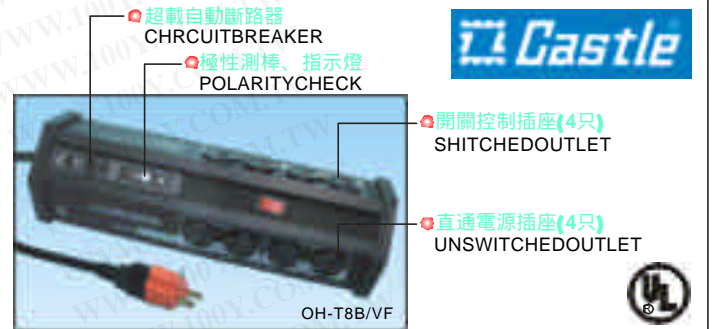


Part No.	Product No.	Description	Current(Amp)	Vol.
4254	EMI-03AC1	A C座 EMI濾波器	3A	115/250V
5019	EMI-06AC1	A C座 EMI濾波器	6A	115/250V



Part No.	Product No.	Description	Current(Amp)	Vol.
3990	EMI-06AF1	A C座 EMI濾波器	6A	115/250V
3341	EMI-10AF1	A C座 EMI濾波器	10A	115/250V

電源線內含濾波功能
Lead with In-Line Filter



主要用途

HI-END.AV.PA等音響系統
電腦、傳真機等/OA系統
自動控制等/NC系統
電子交換機等/通訊系統
醫療、計測等/精密儀器系統
其他HA、OA等自動化系統

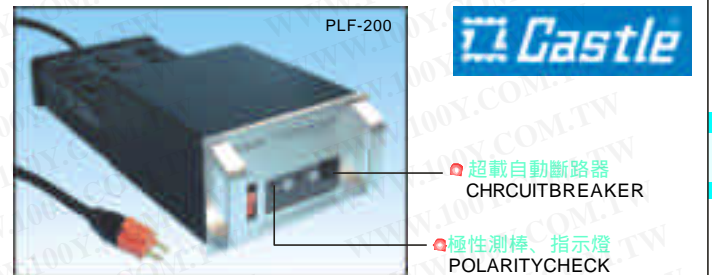
功能特點

電源雜訊干擾之防止
雷擊突波與尖波之抑制
超負荷自動斷電之保護
電源主控與顯示
提供充沛容量與流暢的大電流

特性	規格	型號	OH-T4B/VF	*OH-T8B/VF	12B/VF
電壓	AC100V-115V	50Hz/60Hz(250V)			
電流	15A(13A)				
承載瓦特數	1875W(全部插座合計)(3250W)				
插座接地式	4只	8只	12只		
電源線	SJT14#x3C12尺(4公尺)				
超載保護方式	超載自動斷路, 手動復元式				
電源控制開關					
電源指示燈					
接地指示燈					
絕緣耐壓	AC1500V1分鐘 5mA				
突波電壓	6000V(伏特最大)				
突波電流	8x20 μ sec4500A(安培) 最大				
抑制電壓	350V(伏特)L-N(TYP)				
突波能量	40J(焦耳)				
突波補償反應時間	1x10 ⁻³ 理論值				
回路保護方式	L-N-E	L-N-E			
突波保護指示燈	≡	≡			
動作溫度	-10 ~40				
保存溫度	-20 ~50				

註: *號代表有庫存(現貨), 其餘歡迎洽詢業務人員

PartNumber	ProductNumber	Description
8782	OH-T8B/VF	電源淨化濾波轉接器/250V/15A



主要用途

HI-END.AV. PA等/音響系統
電腦、傳真機等/OA系統
自動控制等/NC系統
電子交換機等/通訊系統
醫療、計測等精密儀器系統
其他HA、OA等自動化系統

功能特點

防止雜訊的干擾與突波的抑制
提供充沛容量與流暢的大電流
避免系統設備的相互干擾雙向性干擾
超載使用的自動斷路保護設備
系統設備有條不紊的陳列放置
方便操作
電磁波干擾EMI
電源暫態現象(Transient)

特性	規格	型號	PLF-200
電壓	AC100V-115V	50Hz/60Hz(250V)	
電流	15A(13A)		
承載瓦特數	1875W(全部插座合計)(3250W)		
插座接地式	12只		
電源線	SJT14#x3C10尺(3公尺)		
超載保護方式	超載自動斷路, 手動復元式		
電源控制開關			
電源指示燈			
接地指示燈			
絕緣耐壓	AC1500V1分鐘 5mA		
漏洩電流	1.0mA以下		
突波電壓	6000V(伏特最大)		
突波電流	8x20 μ sec4500A(安培) 最大		
抑制電壓	350V(伏特)L-N(TYP)		
突波能量	40J(焦耳)		
突波補償反應時間	1x10 ⁻³ 理論值		
回路保護方式	L-N-E		
突波保護指示燈			
動作溫度	-10 ~40		
保存溫度	-20 ~50		

PartNumber	Product Number	Description
10309	PLF-200	電源淨化轉接器 125V15A1875W

勝特力材料 886-3-5753170
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- 超高速突波捕捉反應時間 8x20μsec 一秒間隔6次
- 雙向抑制特性外來與本身所產生的抑制功能
- 超大電流耐量6000安培 1x10⁻¹²

後級：快速的大電流供應，強勁有力，低頻更具圓熟渾厚。
前級：雜訊的衰減，潔淨平穩的信號輸出，音質更純真細膩。
數位週邊：多層之型濾波，提供更淨化的電源，可更精確的傳輸與提昇解析度

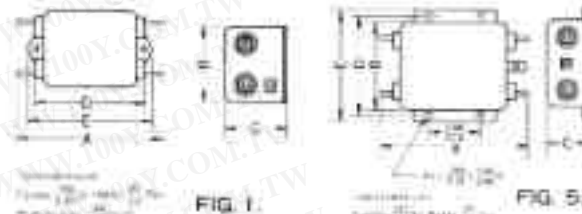
功能特點：

- 前後級延遲順序開關回路，確保喇叭及周邊系統的安全
- 電源極性之測試POLARITYCHECK)
- 突波尖波暫態現象之抑制(SURGE/SUPPRESSOR)
- 電磁波雜訊干擾之減衰(EMINOISEFILTER)
- 超負載自動斷路之保護(CIRCUITBREAKER)
- 附有電壓表可監測輸入電壓(VOLTAGE METER)
- 面板採用國際儀器箱標準(EIA19' U)

產品規格：

電壓：AC125V/50-60Hz
電流：15A1875W(全部插座合計)
突波回路：突波電壓6000V，突波電流4500A(8x20μsec)
濾波網路：雜訊減衰10-92db(2-100MHz)三回路獨立式濾波
插座：14只接地式插座
外型尺寸：483Wx100Hx320Lmm

PartNumber	ProductNumber	Description
16834	PLF-1000	電源淨化濾波轉接器 /125V/20A



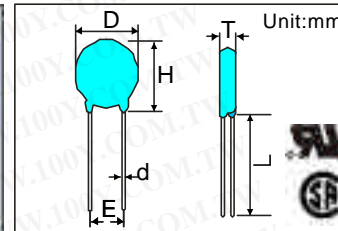
CURRENT RATING	PARTNO.	FIG	DIMENSIONS									
			A(MAX)	B(MAX)	C(MAX)	D*	E(MAX)					
5A	05CA1	1	94.7	3.73	52.4	2.06	29.4	1.16	74.7	2.94	85.1	3.35
10A	10CA1	1	94.7	3.37	52.4	2.06	38.8	1.53	74.7	2.94	85.1	3.35
20A	20CA1	5	129.7	5.11	85.6	3.37	38.8	1.53	93.5	3.75	106.7	4.20

Part No.	Product No.	Description	Current(Amp)	Vol.
8470	EMI-05CA1	AC座 EMI濾波器	5A	115/250V
3340	EMI-10CA1	AC座 EMI濾波器	10A	115/250V
5018	EMI-20CA5	AC座 EMI濾波器	20A	115/250V

突波吸收元件(TVS)

D-07 系列突波吸收器

D-07 Series Zinc Oxide Varistors



ModelNo.	T _{MAX}	D _{MAX}	H _{MAX}	d	E	L
SAS-8ROMD07-SAS-680KD07	3.6-4.2	9	12	0.6	5	20
SAS-820KD07-SAS-471KD07	3.6-6.0	9	12	0.6	5	20
SAS-511KD07-SAS-821KD07	6.0-6.0	9	14	0.6	5.5	20

Part No.	Maximum Allowable Voltage		Energy (2ms)	Withstanding Surge Current		Rated Wattage	Varistor Voltage	Maximum Clamping Voltage	Typical Capacitance (reference)
	ACrms (V)	DC (V)		1time (A)	2times (A)				
SAS-101KD07	60	85	8.3	1200	600	0.25	100(90-110)	165	500
SAS-201KD07	130	170	18.0	1200	600	0.25	200(185-225)	340	250
SAS-220KD07	14	18	1.7	250	125	0.02	22(18.7-26)	*4.3	2300
SAS-221KD07	140	180	20.0	1200	600	0.25	220(198-242)	360	230
SAS-241KD07	150	200	20.0	1200	600	0.25	240(216-264)	39.5	210
SAS-270KD07	17	22	2.0	250	125	0.02	27(24-30)	*5.3	1800
SAS-301KD07	190	250	25.0	1200	600	0.25	300(270-330)	500	165
SAS-330KD07	20	26	2.5	250	125	0.02	33(30-36)	*6.5	1500
SAS-390KD07	25	31	3.0	250	125	0.02	39(35-43)	*7.7	1300
SAS-391KD07	250	320	33.0	1200	600	0.25	390(351-429)	650	130
SAS-431KD07	275	350	36.0	1200	600	0.25	430(387-473)	710	115
SAS-470KD07	30	38	3.6	250	125	0.02	47(42-52)	*9.3	1100
SAS-471KD07	300	385	40.0	1200	600	0.25	470(423-517)	77.5	105
SAS-680KD07	40	56	5.2	250	125	0.02	68(61-75)	*13.5	740
SAS-681KD07	420	560	44.0	1200	600	0.25	680(612-748)	1120	75

*Clamping voltage at testing Current 2.5A

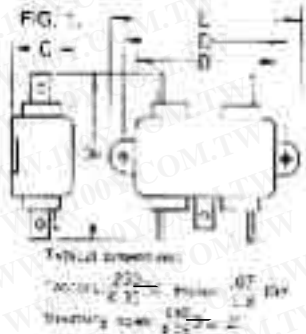
PartNumber	Product Number	Description
4033	SAS-101KD07	突波吸收器100V1mA ±0% 0.25W
4034	SAS-201KD07	突波吸收器200V1mA ±0% 0.25W
3998	SAS-220KD07	突波吸收器22V1mA ±0% 0.02W
4036	SAS-221KD07	突波吸收器220V1mA ±0% 0.25W
4038	SAS-241KD07	突波吸收器240V1mA ±0% 0.25W
3999	SAS-270KD07	突波吸收器27V1mA ±0% 0.02W
2022	SAS-301KD07	突波吸收器300V1mA ±0% 0.25W
4000	SAS-330KD07	突波吸收器33V1mA ±0% 0.02W
13201	SAS-390KD07	突波吸收器39V1mA ±0% 0.02W
4042	SAS-391KD07	突波吸收器390V1mA ±0% 0.25W
4041	SAS-431KD07	突波吸收器430V1mA ±0% 0.25W
4043	SAS-470KD07	突波吸收器47V1mA ±0% 0.02W
4044	SAS-471KD07	突波吸收器470V1mA ±0% 0.25W
917	SAS-680KD07	突波吸收器68V1mA ±0% 0.02W
4045	SAS-681KD07	突波吸收器680V1mA ±0% 0.25W

大電流用EMI濾波器

儀器內濾波器

Equipment Filters

RATED VOLTAGE		115/ 250VAC
POWERLINE FREQUENCY		50/60Hz
RATED CURRENT		3A
TYPICAL INSERTION LOSS (dB) Line-to-Ground In 50ohm system	0.15 MHz	15
	0.5 MHz	25
	1 MHz	30
	5 MHz	45
	10 MHz	50
	30 MHz	53
MAXIMUM LEAKAGE CURRENT (line-to-Ground)		@11.5VAC 60HZ 0.25mA @25.0VAC 50HZ 0.5mA
DIELECTRIC STRENGTH	Line-to-Ground	2250VDC, oneminute
	Line-to-Line	1450VDC, oneminute

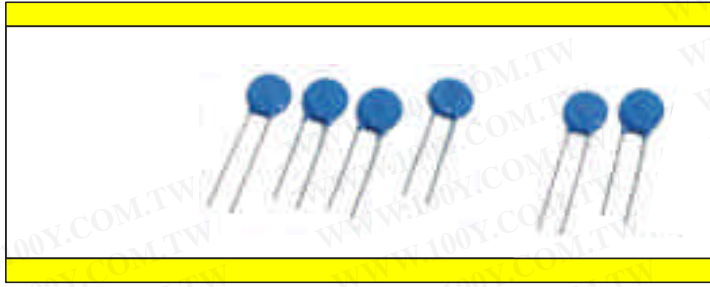


CURRENT RATING	PARTNO.	FIG	DIMENSIONS									
			A(MAX)	B(MAX)	C(MAX)	D*	E (MAX)					
1A	01BA1	1	75.7	2.98	52.4	2.06	23.1	0.91	60.4	2.38	71.3	2.81
3A	03BA1	1	75.7	2.98	52.4	2.06	29.4	1.16	60.4	2.38	71.3	2.81

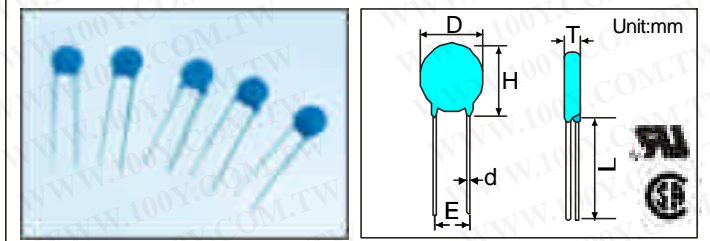
PartNo.	Product No	Description	Current(Amp)	Vol.
6505	EMI-01BA1	AC座 EM濾波器	1A	115/250V
5017	EMI-03BA1	AC座 EM濾波器	3A	115/250V

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D-09 系列突波吸收器
D-09 Series Zinc Oxide Varistors



D-10 系列突波吸收器
D-10 Series Zinc Oxide Varistors



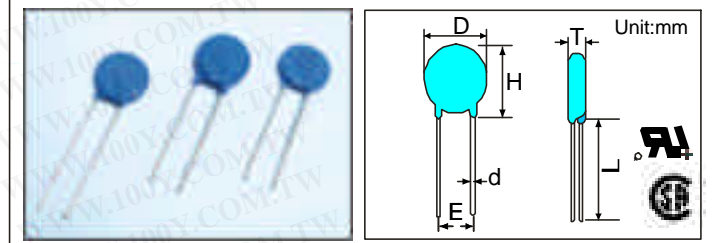
ModelNo.	T _{MAX.}	D _{MAX.}	H _{MAX.}	d	E	L
SAS-180LD10-SAS-680KD10	3.6-4.3	14	17	0.8	7.5	20
SAS-820KD10-SAS-471KD10	4.0-6.5	14	17	0.8	7.5	20
SAS-511KD10-SAS-112KD10	6.5-7.6	14	19	0.8	8.0	20

Part No.	Maximum Allowable Voltage		Energy (2ms) (J)	Withstanding Surge Current (A)		Rated Wattage (W)	Varistor Voltage V1mA (V)	Maximum Clamping Voltage V10A (V)	Typical Capacitance @1kHz (pF)
	ACrms (V)	DC (V)		1time	2times				
SAS-101KD10	60	85	13.0	2500	1250	0.4	100(90-110)	165	1000
SAS-201KD10	130	170	30.0	2500	1250	0.4	200(185-225)	340	500
SAS-241KD10	14	18	3.2	500	250	0.05	22(18.7-26)	*43	4500
SAS-220KD10	140	180	33.0	2500	1250	0.4	220(198-242)	360	450
SAS-221KD10	150	200	36.0	2500	1250	0.4	240(216-264)	395	420
SAS-270KD10	17	22	4.3	500	250	0.05	27(24-30)	*53	3700
SAS-271KD10	175	225	41.0	2500	1250	0.4	270(243-297)	455	370
SAS-301KD10	190	250	45.0	2500	1250	0.4	300(270-330)	500	330
SAS-330KD10	20	26	5.3	500	250	0.05	33(30-36)	*65	3000
SAS-331KD10	275	350	52.0	2500	1250	0.4	430(387-473)	710	230
SAS-391KD10	30	38	7.7	500	250	0.05	47(42-52)	*93	2100
SAS-471KD10	300	385	71.0	2500	1250	0.4	470(423-517)	775	210
SAS-680KD10	40	56	11.0	500	250	0.05	68(61-75)	*135	1500
SAS-681KD10	420	560	73.0	2500	1250	0.4	680(612-748)	1120	150

*Clamping Voltage testing Current 5A

Part Number	Product Number	Description
4074	SAS-101KD10	突波吸收器 100V1mA ±0% 0.4W
4093	SAS-201KD10	突波吸收器 200V1mA ±0% 0.4W
4094	SAS-220KD10	突波吸收器 22V1mA ±0% 0.05W
1769	SAS-221KD10	突波吸收器 220V1mA ±0% 0.4W
4097	SAS-241KD10	突波吸收器 240V1mA ±0% 0.4W
4098	SAS-270KD10	突波吸收器 27V1mA ±0% 0.05W
4100	SAS-271KD10	突波吸收器 270V1mA ±0% 0.4W
4102	SAS-301KD10	突波吸收器 300V1mA ±0% 0.4W
4104	SAS-330KD10	突波吸收器 33V1mA ±0% 0.05W
3848	SAS-431KD10	突波吸收器 430V1mA ±0% 0.4W
4105	SAS-470KD10	突波吸收器 47V1mA ±0% 0.05W
4107	SAS-471KD10	突波吸收器 470V1mA ±0% 0.4W
4108	SAS-680KD10	突波吸收器 68V1mA ±0% 0.05W
2020	SAS-681KD10	突波吸收器 680V1mA ±0% 0.4W

D-14 系列突波吸收器
D-14 Series Zinc Oxide Varistors



ModelNo.	T _{MAX.}	D _{MAX.}	H _{MAX.}	d	E	L
SAS-180LD14-SAS-680KD14	3.6-4.3	17	20	0.8	7.5	20
SAS-820KD14-SAS-471KD14	4.0-6.5	17	20	0.8	7.5	20
SAS-511KD14-SAS-182KD14	6.5-7.6	17	22	0.8	8.0	20

Part No.	Maximum Allowable Voltage		Energy (2ms) (J)	Withstanding Surge Current (A)		Rated Wattage (W)	Varistor Voltage V1mA (V)	Maximum Clamping Voltage V10A (V)	Typical Capacitance @1kHz (pF)
	ACrms (V)	DC (V)		1time	2times				
SAS-101KD14	60	85	24.0	4500	2500	0.6	100(90-110)	165	2000
SAS-182KD14	1000	1465	240	4500	2500	0.6	1800(1620-1980)	2970	110
SAS-201KD14	130	170	57.0	4500	2500	0.6	200(185-225)	340	1000
SAS-220KD14	14	18	5.4	1000	500	0.1	22(18.7-26)	*43	9100
SAS-221KD14	140	180	57.0	4500	2500	0.6	220(198-242)	360	900
SAS-241KD14	150	200	59.0	4500	2500	0.6	240(216-264)	395	830
SAS-270KD14	17	22	6.9	1000	500	0.1	27(24-30)	*53	7400
SAS-271KD14	175	225	67.0	4500	2500	0.6	270(243-297)	455	740
SAS-301KD14	190	250	74.0	4500	2500	0.6	300(270-330)	500	670
SAS-330KD14	20	26	8.8	1000	500	0.1	33(30-36)	*65	6100
SAS-331KD14	210	275	80.0	4500	2500	0.6	330(297-363)	550	610
SAS-361KD14	230	300	88.0	4500	2500	0.6	360(324-396)	595	560
SAS-391KD14	250	320	96.0	4500	2500	0.6	390(351-429)	650	510
SAS-431KD14	275	350	104	4500	2500	0.6	430(387-473)	710	460
SAS-470KD14	30	38	12.0	1000	500	0.1	47(42-52)	*93	4300
SAS-471KD14	300	385	107	4500	2500	0.6	470(423-517)	775	430
SAS-680KD14	40	56	17.0	1000	500	0.1	68(61-75)	*135	2900
SAS-751KD14	460	615	14.5	4500	2500	0.6	750(675-825)	1240	270

*Clamping Voltage testing Current 10A

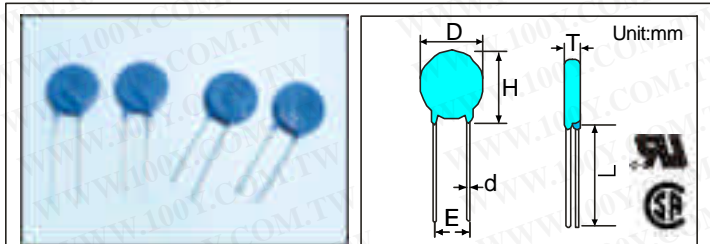
Part Number	Product Number	Description
4110	SAS-101KD14	突波吸收器 100V1mA ±0% 0.6W
13448	SAS-182KD14	突波吸收器 1800V1mA ±0% 0.6W
4111	SAS-201KD14	突波吸收器 200V1mA ±0% 0.6W
4112	SAS-220KD14	突波吸收器 22V1mA ±0% 0.1W
4113	SAS-221KD14	突波吸收器 220V1mA ±0% 0.6W
4114	SAS-241KD14	突波吸收器 240V1mA ±0% 0.6W
4115	SAS-270KD14	突波吸收器 27V1mA ±0% 0.1W
4116	SAS-271KD14	突波吸收器 270V1mA ±0% 0.6W
4117	SAS-301KD14	突波吸收器 300V1mA ±0% 0.6W
4118	SAS-330KD14	突波吸收器 33V1mA ±0% 0.1W
4120	SAS-331KD14	突波吸收器 330V1mA ±0% 0.6W
4136	SAS-361KD14	突波吸收器 360V1mA ±0% 0.6W
14611	SAS-391KD14	突波吸收器 390V1mA ±0% 0.6W
4137	SAS-431KD14	突波吸收器 430V1mA ±0% 0.6W
4138	SAS-470KD14	突波吸收器 47V1mA ±0% 0.1W
2021	SAS-471KD14	突波吸收器 470V1mA ±0% 0.6W
4139	SAS-680KD14	突波吸收器 68V1mA ±0% 0.1W
14612	SAS-751KD14	突波吸收器 750V1mA ±0% 0.6W

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D-18 系列突波吸收器
D-18 Series Zinc Oxide Varistors



D-20 系列突波吸收器
D-20 Series Zinc Oxide Varistors



Model No.	T MAX.	D MAX.	H MAX.	d	E	L
SAS-390D20-SAS-680KD20	4.6-4.8	25	28	0.8	7.5	20
SAS-820KD20-SAS-471KD20	4.5-7.0	25	28	0.8	7.5	20
SAS-511KD20-SAS-182KD20	7.0-8.1	25	30	0.8	8	20

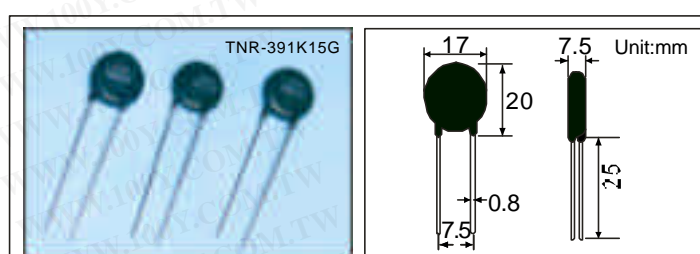
Part No.	Maximum Allowable Voltage		Energy (2ms) (J)	Withstanding Surge Current		Rated Wattage (W)	Varistor Voltage V1mA (V)	Maximum Clamping Voltage V10A (V)	Typical Capacitance (reference) @ 1kHz (pF)
	ACrms (V)	DC (V)		1time (A)	2times (A)				
SAS-101KD20	60	85	3.0	6500	4000	1.0	100(90-110)	165	4000
SAS-102KD20	625	825	2.00	6500	4000	1.0	1000(900-1100)	1650	400
SAS-201KD20	130	170	7.0	6500	4000	1.0	200(85-225)	340	2000
SAS-241KD20	150	200	8.0	6500	4000	1.0	240(216-264)	395	1650
SAS-271KD20	175	225	9.0	6500	4000	1.0	270(243-297)	455	1500
SAS-331KD20	210	275	1.00	6500	4000	1.0	330(297-363)	550	1200
SAS-361KD20	230	300	1.20	6500	4000	1.0	360(324-396)	595	1100
SAS-391KD20	250	320	1.30	6500	4000	1.0	390(351-429)	650	1000
SAS-431KD20	275	350	1.40	6500	4000	1.0	430(387-473)	710	920
SAS-471KD20	300	385	1.50	6500	4000	1.0	470(423-517)	775	850
SAS-821-KD20	510	670	1.90	6500	4000	1.0	820(738-902)	1355	500

*Clamping voltage at testing current 25A

Part Number	Product Number	Description
4032	SAS-101KD20	突波吸收器 100V1mA ±0% 1W
14208	SAS-102KD20	突波吸收器 1000V1mA ±0% 1W
4030	SAS-201KD20	突波吸收器 200V1mA ±0% 1W
4029	SAS-241KD20	突波吸收器 240V1mA ±0% 1W
4028	SAS-271KD20	突波吸收器 270V1mA ±0% 1W
4025	SAS-331KD20	突波吸收器 330V1mA ±0% 1W
4027	SAS-361KD20	突波吸收器 360V1mA ±0% 1W
14210	SAS-391KD20	突波吸收器 390V1mA ±0% 1W
4024	SAS-431KD20	突波吸收器 430V1mA ±0% 1W
4026	SAS-471KD20	突波吸收器 470V1mA ±0% 1W
13675	SAS-821-KD20	突波吸收器 820V1mA ±10% 1W

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TNR G-系列突波吸收器
TNR G-Series Zinc Oxide Varistors



- Metal Oxide Varistor
- General Purpose
- UL1414 and 1449 Approved
- CSA097864
- Approved
- 85_C Maximum Temperature

The G series is the standard metal oxide varistor series from UCC/NCC. These MOVs are available in a wide variety of voltages and sizes, which will make them ideal in most applications where surge protector is needed. The G series is also ideal because of the variety of UL and CSA approvals.

The varistors with a 5mm or 7.5mm lead spacing are available with ammpack taping.

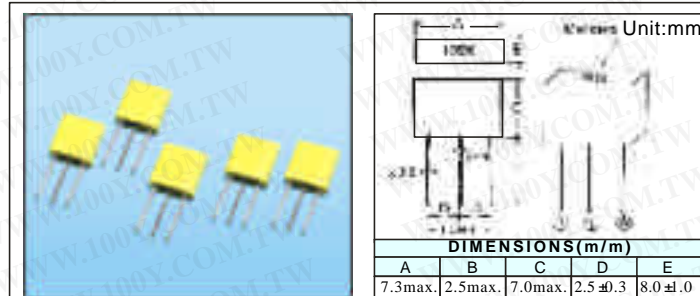
Refer to the Mini-Glossary at the end of the metal oxide varistors section for additional technical information and specifications.

Summary of Specifications
 Radial lead terminals.
 Operating temperature range: -40_C to 85_C.
 Maximum voltage range: 8 to 625 VAC or 12 to 825 VDC.
 Standard varistor voltage tolerance: ±10%
 Maximum energy: 0.4 to 230 J depending on case size.
 Maximum surge current: 100 to 6,500 A.
 Maximum case size (D_H_T): 8.0_11.0_5.0mm to 25.0_28.0_9.5mm.

Part Number	Product Number	Description
16684	TNR-391K15G	突波吸收器 15mm 390V1mA ±0%

資訊的雜訊濾波元件

PCB 型電磁干擾濾波元件
EMI Filters



EXCELLENT EMI SUPPRESSION EFFECTIVE!!
 EMI Filters are network components. It serves an excellent countermeasure against electromagnetic interference (EMI) and provides high attenuation over a wide band frequency from 5 to 1000 MHz.

本產品對電磁干擾有非常好的濾波效果，並且可依客戶的需要，從 5~1,000MHz 提供數種規格，以達到去除雜訊最好的效果。

Model 型號	Rated voltage 定格電壓	Capacitance (pF) 電容值	Current capacity between terminals 1 and 3 1~3 導線間電流容	Examples of Indication 標示值
BC-101K-B	50V	100	6A(Max.)	101K
BC-102K-B	50V	1,000	6A(Max.)	102K
BC-103M-B	50V	10,000	6A(Max.)	103M
BC-104Z-B	50V	100,000	6A(Max.)	104Z
BC-223M-B	50V	22,000	6A(Max.)	223M

* Operating temperature range: -25°C ~ +85°C
 * Rated voltage: 50VDC
 * Insulation resistance: 5,000M min.

Part Number	Product Number	Description
1766	BC-101K-B	電磁干擾濾波器
1762	BC-102K-B	電磁干擾濾波器
1764	BC-103M-B	電磁干擾濾波器
1765	BC-104Z-B	電磁干擾濾波器
13503	BC-223M-B	電磁干擾濾波器

交流電濾波電容

濾波電容

Class 'X2' Case Metallized Polypropylene Capacitor



Manufactured by Iskra

Intended for use as interference suppressors in Y2 applications
Thermoplastic self-extinguishing UL94V-0 case

Approvals: VDE, SEMKO, NEMKO, DEMKO, FI, OVE, UL, CSA, En132400

Technical specification

Capacitance tolerance ----- ±0% (C 0.1uF)

Climatic category ----- 25/85/21

Dielectric loss tan ----- 15 x10⁻⁴ @ 2 KHz, 20

Rated voltage ----- 275V a.c.

Insulation resistance ----- 15,000M

(measured at 100V d.c. after 60s, +20)

Temperature range ----- -25 to +85

Soldering time on PCB ----- 5s max. @ 270 C

Lead length ----- 25mm



Model	uF	L	H	W	L1	PCM	Leaddia.
KNB1560-1uF	1uF	31.7	23.8	14.9	28.3	27.5	0.8
KNB2520-2200pF	0.022uF	-	-	-	-	-	0.8
X2-0.1uF-275VAC	0.1uF	17.8	16.5	8.2	31.5	15.5	0.8
X2-0.22uF-250VAC	0.22uF	25.8	17.8	8.7	6.2	22.9	0.8
X2-0.33uF-250VAC	0.33uF	26.8	17.8	8.3	28.9	22.6	0.8
X2-0.47uF-275VAC	0.47uF	26.8	19.3	10.3	27.1	22.7	0.8
X2-0.68uF-275VAC	0.68uF	31.9	19.5	10.9	27.9	28.8	0.8

Part No	Product No.	Manuf.	Description	Voltage	Tolerance
4711	KNB1560-1uF	Iskra	濾波電容	250~275V	±0%
14335	KNB2520-2200pF	Iskra	濾波電容	275VAC	±0%, ±10%
13216	X2-0.1uF-275VAC	Iskra	濾波電容	275VAC	±0%
8184	KNB1530-0.22uF	Iskra	濾波電容	250VAC	±0%
8185	X2-0.33uF-250VAC	Iskra	濾波電容	250VAC	±0%
8186	KNB1530-0.47uF	Iskra	濾波電容	275VAC	±0%
8187	X2-0.68uF-275VAC	Iskra	濾波電容	275VAC	±0%

火花消除器

"BANKER" 火花消除器

"BANKER" Spark Suppressor



電氣特性 Electrical Characteristics

絕緣電阻 (Insulation Resistance) 9 G

耐電壓 (Withstand Voltage) 750V ac

環境特性 Environment Characteristics

低溫 Low temperature: -40 °C, 2h

高溫 High temperature: +70 °C, 2h

振動 (Vibration): 10~55Hz, 5.5mm/S², 1h

碰撞 (Collision): 250m/s², 6ms 1000次 1000cycles

沖擊 Shock 300m/s², 18ms, 3次 3cycles

恒定濕熱 (Steady damp-heat): GB2423.3, 方法 Ca, 48h

溫度變化 (Temperature variation): -40 °C, 30min, +70 °C, 30min 循環 2次 2cycles

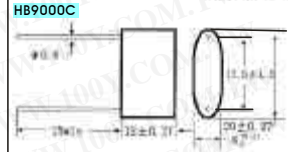
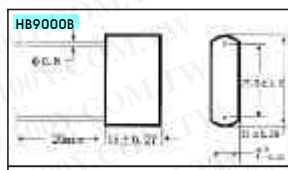
引出端強度 Terminal strength

拉力: 10N, 彎曲力: 5N tension: 10N, bend: 5N

(產品的絕緣電阻、耐壓、在以上條件下或條件後應符合電特性要求)

(Subject to the above test, Insulation resistance, and withstand voltage should meet the requirements)

Part No	Product No.	Description
15596	HB9000B	火花抑制器
15597	HB9000C	火花抑制器



抑制雜波用電感

色碼型電感

Fixed Inductors



Choke has compact size, high Q and self resonant frequency. It is available to supply the inductance value upto 1,000uH.

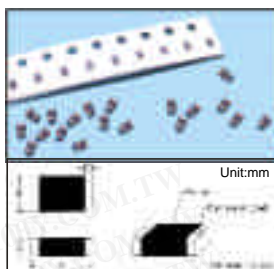
本產品擁有高Q值及共振頻率特性。能夠提供高達1,000uH的規格。

TYPE	DIMENSIONS (mm)			INDUCTANCE (µH)
	A(Max.)	B(Max.)	C ±0.05	
EC24	8.0	3.0	28.0	0.6

Part NO.	Inductance (µH)	Q min.	Testing frequency of L & Q (MHz)	S.R.F. (MHz) min.	DC Resistance (max.)	Rated Current (mA) max.	Color code			
							1st	2nd	3rd	4th
EC24-100K	10±0%	50	7.96	22	0.72	370	Bn	Bk	Bk	S
EC24-101K	10.0±0%	50	2.52	5.5	3.50	165	Bn	Bk	Bn	S
EC24-120K	12±0%	50	2.52	20	0.80	350	Bn	R	Bk	S
EC24-121K	12.0±0%	60	0.796	5.4	3.80	160	Bn	R	Bn	S
EC24-150K	15±0%	50	2.52	16	0.88	35	Bn	Gn	Bk	S
EC24-151K	15.0±0%	60	0.796	4.75	4.40	150	Bn	Gn	Bn	S
EC24-180K	18±0%	50	2.52	15	1.00	315	Bn	Gy	Bk	S
EC24-180K	1.0±0%	40	25.2	180	0.15	815	Bn	Bk	Gd	S
EC24-1R2K	1.2±0%	40	7.96	165	0.18	740	Bn	R	Gd	S
EC24-1R5K	1.5±0%	40	7.96	150	0.20	700	Bn	Gn	Gd	S
EC24-1R8K	1.8±0%	50	7.96	125	0.23	655	Bn	Gy	Gd	S
EC24-220K	22±0%	50	2.52	13	1.20	285	R	R	Bk	S
EC24-221K	22.0±0%	60	0.796	4.0	5.70	130	R	R	Bn	S
EC24-270K	27±0%	50	2.52	11	1.35	270	R	V	Bk	S
EC24-271K	27.0±0%	60	0.796	3.7	6.50	120	R	V	Bn	S
EC24-2R2K	2.2±0%	50	7.96	110	0.25	630	R	R	Gd	S
EC24-2R7K	2.7±0%	50	7.96	95	0.28	595	R	V	Gd	S
EC24-330K	33±0%	50	2.52	10	1.50	255	O	O	Bk	S
EC24-331K	33.0±0%	60	0.796	3.4	9.50	100	O	O	Bn	S
EC24-3R3K	3.3±0%	50	7.96	70	0.30	575	O	O	Gd	S
EC24-3R9K	3.9±0%	50	7.96	65	0.32	555	O	W	Gd	S
EC24-470K	47±0%	60	0.796	2.56	11.6	90	Y	V	Bn	S
EC24-471K	47.0±0%	50	2.52	8.5	2.30	205	Y	V	Bk	S
EC24-4R7K	4.7±0%	50	7.96	50	0.35	530	Y	V	Gd	S
EC24-560K	5.6±0%	50	2.52	7.5	2.60	195	Gn	Be	Bk	S
EC24-561K	5.6±0%	60	0.796	2.35	13.0	85	Gn	Be	Bn	S
EC24-5R6K	5.6±0%	50	7.96	40	0.40	500	Gn	Be	Gd	S
EC24-680K	6.8±0%	50	2.52	6.5	2.90	185	Be	Gy	Bk	S
EC24-681K	6.8±0%	60	0.796	2.0	18.0	75	Be	Gy	Bn	S
EC24-6R8K	6.8±0%	50	7.96	30	0.45	470	Be	Gy	Gd	S
EC24-820K	8.2±0%	50	2.52	6.0	3.20	175	G	R	Bk	S
EC24-821K	8.2±0%	60	0.796	1.5	23.0	65	Gy	R	Bn	S
EC24-8R2K	8.2±0%	50	7.96	28	0.56	425	Gy	R	Gd	S
EC24-R22K	0.22±0%	40	25.2	380	0.075	1150	R	R	S	Bk
EC24-R27M	0.27±0%	40	25.2	360	0.08	1110	R	V	S	Bk
EC24-R33K	0.33±0%	40	25.2	350	0.08	1110	O	O	S	Bk
EC24-R47K	0.47±0%	40	25.2	300	0.10	1000	Y	V	S	Bk
EC24-R56K	0.56±0%	40	25.2	280	0.12	950	Gn	Be	S	Bk
EC24-R68M	0.68±0%	40	25.2	250	0.12	900	Be	Gy	S	Bk
EC24-R82M	0.82±0%	40	25.2	200	0.12	900	Gy	R	S	Bk

Part Number	Product Number	Description
3856	EC24-100K	色碼電感 10uH ±0%
6309	EC24-101K	色碼電感 100uH ±0%
6146	EC24-120K	色碼電感 12uH ±0%
6310	EC24-121K	色碼電感 120uH ±0%
6147	EC24-150K	色碼電感 15uH ±0%
6311	EC24-151K	色碼電感 150uH ±0%
6148	EC24-180K	色碼電感 18uH ±0%
6129	EC24-1R0K	色碼電感 1uH ±0%
6130	EC24-1R2K	色碼電感 1.2uH ±0%
6131	EC24-1R5K	色碼電感 1.5uH ±0%
6132	EC24-1R8K	色碼電感 1.8uH ±0%
6149	EC24-220K	色碼電感 22uH ±0%
6312	EC24-221K	色碼電感 220uH ±0%
6150	EC24-270K	色碼電感 27uH ±0%
6313	EC24-271K	色碼電感 270uH ±0%
6138	EC24-2R2K	色碼電感 2.2uH ±0%
6139	EC24-2R7K	色碼電感 2.7uH ±0%
6155	EC24-330K	色碼電感 33uH ±0%
3858	EC24-331K	色碼電感 330uH ±0%
6140	EC24-3R3K	色碼電感 3.3uH ±0%
6141	EC24-3R9K	色碼電感 3.9uH ±0%
6157	EC24-470K	色碼電感 47uH ±0%
6314	EC24-471K	色碼電感 470uH ±0%
3859	EC24-4R7K	色碼電感 4.7uH ±0%
6158	EC24-560K	色碼電感 5.6uH ±0%
6123	EC24-561K	色碼電感 560uH ±0%
6126	EC24-5R6K	色碼電感 5.6uH ±0%
6226	EC24-680K	色碼電感 6.8uH ±0%
6330	EC24-681K	色碼電感 680uH ±0%
6144	EC24-6R8K	色碼電感 6.8uH ±0%
6308	EC24-820K	色碼電感 82uH ±0%
6331	EC24-821K	色碼電感 820uH ±0%
6145	EC24-8R2K	色碼電感 8.2uH ±0%
3423	EC24-R22K	色碼電感 0.22uH ±0%
6125	EC24-R27M	色碼電感 0.27uH ±0%
6128	EC24-R33K	色碼電感 0.33uH ±0%
6137	EC24-R47K	色碼電感 0.47uH ±0%
3857	EC24-R56K	色碼電感 0.56uH ±0%
6127	EC24-R68M	色碼電感 0.68uH ±0%
6124	EC24-R82M	色碼電感 0.82uH ±0%

晶片型電感
Multilayer Chip Inductors



Multilayer Chip inductor can supply several kinds of size and has a high Q & self resonant frequencies characteristic.

本產品提供多種尺寸供選擇，並擁有高Q值及共振頻率之特性。

TYPE	DIMENSIONS (mm)			
	A	B	C	D
◎ JCI 1608	1.6 ± 0.15	0.8 ± 0.15	0.80 ± 0.15	0.3 ± 0.2

PartNO.	THICKNESS (mm)	INDUCTANCE (μH)	Q Min.	TEST FREQUENCY (MHz)	SRF Min. (MHz)	RDC Max. ()	IDC Max. (MA)
JWI-1608-1R0K	0.8 ± 0.15	1.00 ± 0%	35	10	7.0	0.60	25
JWI-1608-1R2K	0.8 ± 0.15	1.20 ± 0%	35	10	6.0	0.80	25
JWI-1608-2R2K	0.8 ± 0.15	2.20 ± 0%	35	10	4.5	1.15	15
JWI-1608-2R7K	0.8 ± 0.15	2.70 ± 0%	35	10	4.0	1.35	15
JWI-1608-3R3K	0.8 ± 0.15	3.30 ± 0%	20	10	3.8	1.55	15
JWI-1608-47NK	0.8 ± 0.15	100 ± 0%	10	50	2.60	0.30	50
JWI-1608-4R7K	0.8 ± 0.15	4.70 ± 0%	20	10	3.3	2.10	15
JWI-1608-5R6K	0.8 ± 0.15	5.60 ± 0%	25	4	2.2	1.55	5
JWI-1608-R10K	0.8 ± 0.15	0.10 ± 0%	15	25	2.40	0.50	50
JWI-1608-R15K	0.8 ± 0.15	0.15 ± 0%	15	25	1.80	0.60	50
JWI-1608-R22K	0.8 ± 0.15	0.22 ± 0%	15	25	1.50	0.80	50
JWI-1608-R33K	0.8 ± 0.15	0.33 ± 0%	15	25	1.25	0.85	35
JWI-1608-R47K	0.8 ± 0.15	0.47 ± 0%	15	25	1.05	1.35	35
JWI-1608-R68K	0.8 ± 0.15	0.68 ± 0%	15	25	8.0	1.70	35

* : TOLERANCE : K= ±10% ; M= ±20% ; K tolerance is standard.

PartNumber	ProductNumber	Description
13509	JCI-1608-1R0K	1.00 μH ± 0% 25mA
13510	JCI-1608-1R2K	1.20 μH ± 0% 25mA
13511	JCI-1608-2R2K	2.20 μH ± 0% 15mA
13681	JCI-1608-2R7K	2.7 μH ± 0% 15mA
13512	JCI-1608-3R3K	3.30 μH ± 0% 15mA
13504	JCI-1608-47NK	0.047 μH ± 0% 50mA
13513	JCI-1608-4R7K	4.70 μH ± 0% 15mA
13514	JCI-1608-5R6K	5.60 μH ± 0% 5mA
13505	JCI-1608-R10K	0.10 μH ± 0% 50mA
13678	JCI-1608-R15K	0.15 μH ± 0% 50mA
13679	JCI-1608-R22K	0.22 μH ± 0% 50mA
13507	JCI-1608-R33K	0.33 μH ± 0% 35mA
13680	JCI-1608-R47K	0.47 μH ± 0% 35mA
13508	JCI-1608-R68K	0.68 μH ± 0% 35mA

勝特力材料 866-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

直立式低電流繞線式電感
Radial-Low Current Peaking Coils



A. FEATURES

1. Small size radial lead type.
2. Small mounting space required.
3. Excellent characteristics for Q High Frequency.
4. Minimized distributing capacitance hence high SRF.
5. Special lead wire construction prevents open circuit failures

B. RATING

1. Temperature rise-----20°C
2. Ambient temperature-----80°C
3. Temperature range-----20°C to +100°C
4. Rated voltage-----250V DC
5. Terminal tensile strength-----0.5Kg min.
6. Terminal bending strength-----0.5Kg min.
7. Moisture resistance-----LT ±5%
Q/Q ±10%

C. MATERIAL

1. CORE: Ferrite core.
2. INSULATION COATING: VARNISH OR PVC SLEEVE & UL TUBE.
3. WIRE: Polyurethane enameled wire.
4. LEAD WIRE: Solder copper wire.

FORM 品類	DIMENSION					
	A (MAX)	B (MAX)	C (MAX)	D (MAX)	E (0.05)	F (MAX)
PK0406TYPE	5.0	8.0	15.0	3.0	0.55	2.0 ± 0.5
PL0608TYPE	7.0	10.0	15.0	3.0	0.65	2.5 ± 0.5
PK0810TYPE	9.0	12.5	15.0	3.0	0.65	3.0 ± 1.0

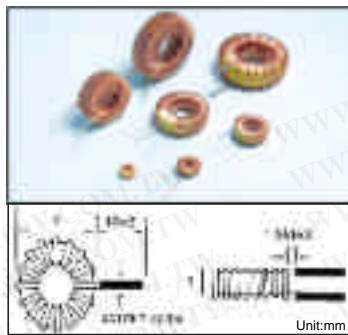
ORDERING CODE	電感值與 測定頻率 INDUCTANCE @1KHZ (μH)	電感容許差 INDUCTANCE TOLERANCE	Q值 QUALITY FACTOR (MW)	測定頻率 Q TESTING FREQ (MHZ)	自共振頻率 S.R.F. (MHZ)	直流阻值 DC RESISTANCE (JMA)	額定電流 RATED DC CURRENT (MA)MAX.
PK0406S-100M	10	±20%	80	7.5	7.0	0.23	1000
PK0406S-101K	100	±10%	45	0.796	6.9	1.0	400
PK0406S-102K	1,000	±10%	90	0.252	1.0	6.7	150
PK0406S-181K	180	±10%	65	0.796	3.6	1.5	320
PK0406S-1R0M	1.0	±20%	130	7.96	120	0.035	2000
PK0406S-220K	22	±10%	80	2.52	1.0	0.45	800
PK0406S-221K	220	±10%	65	0.796	2.8	1.8	300
PK0406S-222K	2,200	±10%	80	0.252	0.8	17	100
PK0406S-2R2M	2.2	±20%	100	7.96	100	0.120	1750
PK0406S-331K	330	±10%	50	0.796	2.2	2.2	250
PK0406S-470K	47	±10%	70	2.52	7.8	0.76	550
PK0406S-471K	470	±10%	50	0.796	1.7	3.6	200
PK0406S-472K	4,700	±10%	65	0.252		45	70
PK0406S-4R7M	4.7	±20%	100	7.96	50	0.140	1320

ORDERING CODE	電感值與 測定頻率 INDUCTANCE @1KHZ (μH)	電感容許差 INDUCTANCE TOLERANCE	Q值 QUALITY FACTOR (MIN)	測定頻率 Q TESTING FREQ (KHZ)	自共振頻率 S.R.F. (MHZ)	直流阻值 DC RESISTANCE (JMA)	額定電流 RATED DC CURRENT (MA).
PK0608S-103K	10	±10%	70	79.6	29.5	40	40
PK0608S-222K	2.2	±10%	70	2.52	6.2	90	90
PK0608S-223K	22	±10%	70	79.6	60.0	30	30
PK0608S-332K	3.3	±10%	70	2.52	10.5	60	60
PK0608S-333K	33	±10%	70	79.6	98.5	20	20
PK0608S-472K	4.7	±10%	70	2.52	13.6	60	60
PK0608S-473K	47	±10%	70	79.6	160	15	15
PK0608S-503K	50	±10%	70	79.6	170	15	15
PK0608S-682K	6.8	±10%	70	2.52	19.6	50	50

ORDERING CODE	電感值與 測定頻率 INDUCTANCE @1KHZ (μH)	電感容許差 INDUCTANCE TOLERANCE	Q值 QUALITY FACTOR (MIN)	測定頻率 Q TESTING FREQ (KHZ)	自共振頻率 S.R.F. (MHZ)	直流阻值 DC RESISTANCE (JMA)	額定電流 RATED DC CURRENT (MA).
PK0810S-102K	1,000	±10%	65	0.252	1.4	6.0	450
PK0810S-104K		±10%					
PK0810S-152K	1,500	±10%	130	0.252	1.1	7.0	400
PK0810S-222K	2,200	±10%	150	0.252	1.0	12	360
PK0810S-302K	3,000	±10%	140	0.252	0.9	15	280
PK0810S-332K	3,300	±10%	140	0.252	0.86	1.6	280
PK0810S-472K	4,700	±10%	120	0.252	0.72	2.0	260
PK0810S-562K	5,600	±10%	120	0.252	0.72	2.2	260
PK0810S-682K	6,800	±10%	110	0.252	0.54	2.9	260

PartNumber	ProductNumber	Description
3855	PK0406S-100M	直立式低電流繞線式電感
5890	PK0406S-101K	直立式低電流繞線式電感
5895	PK0406S-102K	直立式低電流繞線式電感
12849	PK0406S-181K	直立式低電流繞線式電感
5882	PK0406S-1R0M	直立式低電流繞線式電感
5885	PK0406S-220K	直立式低電流繞線式電感
5891	PK0406S-221K	直立式低電流繞線式電感
5898	PK0406S-222K	直立式低電流繞線式電感
5883	PK0406S-2R2M	直立式低電流繞線式電感
12850	PK0406S-331K	直立式低電流繞線式電感
5889	PK0406S-470K	直立式低電流繞線式電感
5893	PK0406S-471K	直立式低電流繞線式電感
5897	PK0406S-472K	直立式低電流繞線式電感
5884	PK0406S-4R7M	直立式低電流繞線式電感
2382	PK0608S-103K	直立式繞線式電感
2378	PK0608S-222K	直立式繞線式電感
2383	PK0608S-223K	直立式繞線式電感
2379	PK0608S-332K	直立式繞線式電感
2384	PK0608S-333K	直立式繞線式電感
2380	PK0608S-472K	直立式繞線式電感
2385	PK0608S-473K	直立式繞線式電感
2386	PK0608S-503K	直立式繞線式電感
2381	PK0608S-682K	直立式繞線式電感
2387	PK0810S-102K	直立式繞線式電感
2391	PK0810S-104K	直立式繞線式電感
2392	PK0810S-152K	直立式繞線式電感
2393	PK0810S-222K	直立式繞線式電感
2390	PK0810S-302K	直立式繞線式電感
2394	PK0810S-332K	直立式繞線式電感
2395	PK0810S-472K	直立式繞線式電感
2388	PK0810S-562K	直立式繞線式電感
2389	PK0810S-682K	直立式繞線式電感

中空圓環繞線式電感
Open Toroidal



特徵:
廣泛應用於電源轉換和線路濾波器
線圈繞在鐵粉磁環上
合乎成本設計。
從小體積手繞到大體積機繞。
130 UEW-NY 銅線。
高飽和電流。
外塗以凡立水(透明膠)

應用:
電源供給器。
開關電路。
硅控整流器和晶閘管控制電路
輸出扼流
EMI / RFI 扼流圈
其他濾波器。

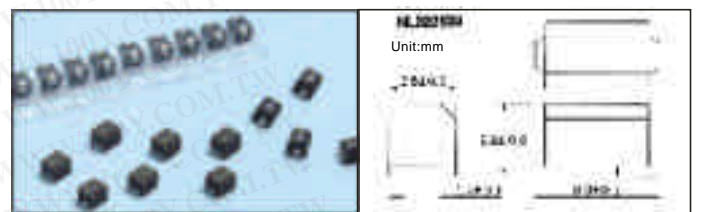
特性:
電感範圍: 1.0uH 到 10000uH 之間。
額定電流基於電流強度約為 8.0A/mm²。
額定頻率: "-26": 50Hz~100KHz; "-52": 10KHz~500KHz。
工作溫度: -55°C 到 125°C。
測試儀器:
電感值: 使用 LCR 儀器在 1KHz 的頻率下測量
直流電阻: 毫安表 (Milli-ohmmeter)

3L ORDERING CODE	電感值與測定頻率 (0.1uH) @ 1KHz (1dc=(OA))	可允許的電流 PERMISSIBLE CURRENT (A)	加上允許電流後流過電感值的電感 PERMISSIBLE CURRENT (uH)	完成品直阻的參考 DCR (Milli-ohms)	完成品大略的參考 DIMENSION (FOR REF) A x D (mm)	完成品大略的重量 WEIGHT (FOR REF) (Gms)
TC-321M-5A-9026	320.0	5.0	120.0	52.5	27.0 x 14.0	29.6
TC-471M-7A-13026	470.0	7.0	190.0	49.0	38.0 x 18.0	72.0
TC101M-2A-5026	100.0	2.0	63.0	35.6	15.0 x 8.0	5.2
TC-680M-1A-3726	68.0	1.0	33.0	79.0	11.0 x 5.5	2.0
TC-240M-1A-3726	24	1.0	22.0	49.2	11.0 x 5.0	1.6
TC-101M-5A-10626	100.0	5.0	75.0	31.6	32.0 x 15.0	39.0
TC-150M-2A-4426	15	2.0	12.6	20.5	13.0 x 6.0	2.8
TC-220M-2A-3726	22	2.0	17.0	23.0	12.0 x 6.0	2.4
TC-270M-0.3A-2026	27	0.1	27.0	35.0	6.0 x 2.5	0.2
TC-5ROM-0.5A-2026	5.0	0.5	4.9	35.0	6.0 x 3.0	0.4
TC-150M-0.5A-2026	15	0.5	13.5	58.0	6.0 x 3.0	0.4
TC-120M-1A-3026	12	1.0	10.7	27.0	9.5 x 5.0	1.2
TC-200M-0.2A-2026	20	0.2	19.8	163.0	6.0 x 2.5	0.2
TC-200M-3A-5026	20	3.0	15.0	17.6	15.0 x 7.0	4.4
TC-241M-0.5A-3726	240.0	0.5	190.0	288.0	11.0 x 5.0	1.6
TC-100M-2A-3026	10	2.0	7.7	13.0	10.5 x 5.5	1.6
TC-500M-5A-3026	50	5.0	33.0	19.0	40.0 x 20.0	33.0
TC501M-3A-9426	300.0	3.0	342.0	93.3	28.0 x 19.0	26.0
TC221M-2A-9426	220.0	2.0	170.0	84.5	28.0 x 12.0	20.6
TC-301M-5A-9426	300.0	5.0	120.0	49.2	28.0 x 10.0	28.8
TC-151M-1A-6826	150.0	1.0	137.0	124.0	21.0 x 8.0	7.6
TC-471M-1A-9026	470.0	1.0	398.0	253.0	25.0 x 11.0	19.5
TC-131M-1A-6026	130.0	1.0	116.0	114.0	17.0 x 8.0	6.4
TC-251M-10A-13026	250.0	10.0	105.0	20.0	40.0 x 17.0	32.0
TC-300M-10A-10626	30	10.0	21.0	6.3	34.0 x 17.0	32.0
TC-750M-10A-13026	75.0	10.0	43.0	11.3	40.0 x 17.0	64.0
TC-681M-5A-13026	680.0	5.0	295.0	80.4	38.0 x 17.0	65.2
TC-330M-4A-6026	33	4A	26	19	2.0 x 8	8.0

PartNumber	ProductNumber	Description
3915	TC-100M-2A-3026	中空圓環繞線式電感
2688	TC-101M-2A-5026	中空圓環繞線式電感
3854	TC-101M-5A-10626	中空圓環繞線式電感
3910	TC-120M-1A-3026	中空圓環繞線式電感
9965	TC-131M-1A-6026	中空圓環繞線式電感
3909	TC-150M-0.5A-2026	中空圓環繞線式電感
3902	TC-150M-2A-4426	中空圓環繞線式電感
9963	TC-151M-1A-6826	中空圓環繞線式電感
3912	TC-200M-0.2A-2026	中空圓環繞線式電感
3913	TC-200M-3A-5026	中空圓環繞線式電感
3904	TC-220M-2A-3726	中空圓環繞線式電感
9961	TC-221M-2A-9426	中空圓環繞線式電感
3853	TC-240M-1A-3726	中空圓環繞線式電感
3914	TC-241M-0.5A-3726	中空圓環繞線式電感
9967	TC-251M-10A-13026	中空圓環繞線式電感
3906	TC-270M-0.3A-2026	中空圓環繞線式電感
9968	TC-300M-10A-10626	中空圓環繞線式電感
9962	TC-301M-5A-9426	中空圓環繞線式電感
2144	TC-321M-5A-9026	中空圓環繞線式電感
12552	TC-330M-4A-6026	中空圓環繞線式電感
9964	TC-471M-1A-9026	中空圓環繞線式電感
2146	TC-471M-7A-13026	中空圓環繞線式電感
3916	TC-500M-5A-8026	中空圓環繞線式電感
9960	TC-501M-3A-9426	中空圓環繞線式電感
3907	TC-5ROM-0.5A-2026	中空圓環繞線式電感
3852	TC-680M-1A-3726	中空圓環繞線式電感
9971	TC-681M-5A-13026	中空圓環繞線式電感
9970	TC-750M-10A-13026	中空圓環繞線式電感

勝特力材料 866-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

繞線式晶片型電感
Wound Chip Inductors



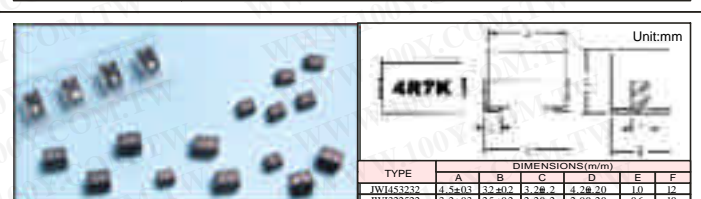
Outline
Theserevolutionary,highly reliablewoundchipinductorsforautomatic mounting havebeendevelopedinresponse tothetrend towardhighdensityelectronic equipment.
Withmetal terminalsanda body ofheatresistantresin,theseinductorsoffermany superiorfeatures.

Features
Verystrongsolderabilityby flow soldering,solderingiron orwavesoldering.
Highlyaccuratedimensions ; canbemountedautomatically.
Terminalsarehighlyresistanttopullforces.
Highlyresistanttomechanicalshocks andpressure.
Highlyreliablein environments of sudden temperature change andhumidity.Super Q characteristics.

Applications
Microtelevisions,liquidcrystaltelevitions,video cameras, portableVCRs,car radios, carstereos,thintaperadios,televisiontuners,mobile telephones,radioand other electronic devices.

PARTNO.	L (uH)	Tolerance (%)	Q Min.	Test Frequency (MHz)	SRF(MHz)Min.	RDC() Max.	IDC (mA)
FLC32T-1R0K	1.0	10%	30	7.960	120	0.70	400
FLC32C-T-220K	22	10%	30	2.520	25	3.70	110
NL322522T-4R7J	4.7	5%	30	7.960	50	1.50	220
NL322522T-1R8J	1.8	5%	30	7.960	80	0.90	350
NL322522T-2R2J	2.2	5%	30	7.960	75	1.00	320
NL322522T-3R3J	3.3	5%	30	7.960	60	1.20	260
NL453232T-R15M-S	0.15	20%	30	2.520	450	0.25	450
NL322522T-100K-S	10	10%	30	2.520	36	2.10	150

PartNumber	Product Number	Description
11260	FLC32T-1R0K	繞線式晶片型電感
11261	FLC32C-T-220K	繞線式晶片型電感
11263	NL322522T-4R7J	繞線式晶片型電感
11264	NL322522T-1R8J	繞線式晶片型電感
11265	NL322522T-2R2J	繞線式晶片型電感
11266	NL322522T-3R3J	繞線式晶片型電感
11306	NL453232T-R15M-S	繞線式晶片型電感
12375	NL322522T-100K-S	繞線式晶片型電感

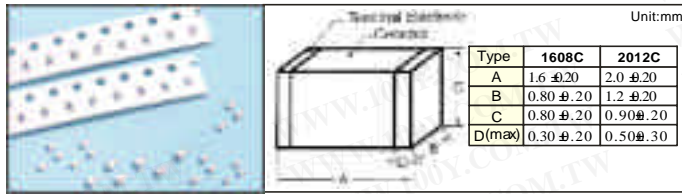


WoundChipinductorcanendurehighercurrentandofferhighQ.Itisal so allowto beinductancevalue upto1,000 uH.
本產品可以耐較高的電流並提供高Q特性,並且提供高達1,000 uH之規格。

PARTNO.	INDUCTANCE (uH)	Q Min.	TEST FREQUENCY (MHz)	SRFMin. (MHz)	RDCMax. ()	IDCMax. (mA)
JW1-322522-221K	220 ±10%	20	0.796	7	21	5.0
JW1-322522-181K	180 ±10%	20	0.796	7	17	6.0
JW1-322522-151K	150 ±10%	20	0.796	8	15	6.5
JW1-322522-121K	120 ±10%	20	0.796	10	12	7.0
JW1-322522-101K	100 ±10%	20	0.796	10	11	4.0
JW1-322522-880K	88 ±10%	30	2.52	12	9.00	5.0
JW1-322522-560K	56 ±10%	30	2.52	13	8.00	5.5
JW1-322522-470K	47 ±10%	30	2.52	15	7.00	6.0
JW1-322522-330K	33 ±10%	30	2.52	17	5.60	6.0
JW1-322522-1R0M	1.0 ±10%	30	7.96	120	0.70	400
JW1-322522-R68M	0.68 ±10%	30	2.52	160	0.60	450
JW1-322522-R47M	0.47 ±10%	30	2.52	220	0.50	450
JW1-322522-R33M	0.33 ±10%	30	2.52	300	0.40	450
JW1-322522-R22M	0.22 ±10%	30	2.52	380	0.32	450
JW1-453232-102K	1000 ±10%	20	0.252	2.5	4.0	3.0
JW1-453232-821K	820 ±10%	30	0.796	2.5	38	3.0
JW1-453232-681K	680 ±10%	30	0.796	3	30	5.0
JW1-453232-471J	470 ±5%	40	0.796	3	25	6.2
JW1-453232-331K	330 ±10%	40	0.796	3.5	14	8.5
JW1-453232-101K	100 ±10%	40	0.796	8	8.00	110

PartNumber	Product Number	Description
13530	JW1322522-221K	繞線式晶片型電感
13531	JW1322522-181K	繞線式晶片型電感
13532	JW1322522-151K	繞線式晶片型電感
13533	JW1322522-121K	繞線式晶片型電感
13534	JW1322522-101K	繞線式晶片型電感
13535	JW1322522-680K	繞線式晶片型電感
13536	JW1322522-560K	繞線式晶片型電感
13537	JW1322522-470K	繞線式晶片型電感
13538	JW1322522-330K	繞線式晶片型電感
13539	JW1322522-1R0M	繞線式晶片型電感
13540	JW1322522-R68M	繞線式晶片型電感
13541	JW1322522-R47M	繞線式晶片型電感
13542	JW1322522-R33M	繞線式晶片型電感
13543	JW1322522-R22M	繞線式晶片型電感
13544	JW1453232-102K	繞線式晶片型電感
13545	JW1453232-821K	繞線式晶片型電感
13546	JW1453232-681K	繞線式晶片型電感
13547	JW1453232-471J	繞線式晶片型電感
13548	JW1453232-331K	繞線式晶片型電感
13549	JW1453232-101K	繞線式晶片型電感

高頻晶片電感器
High Frequency Chip Inductors



Type	1608C	2012C
A	1.6 ±0.20	2.0 ±0.20
B	0.80 ±0.20	1.2 ±0.20
C	0.80 ±0.20	0.90 ±0.20
D(max)	0.30 ±0.20	0.50 ±0.30

Products are design for high frequency application upto 6GHz. Now you can choose 2 size 0805 (2012) & 0603 (1608) to use in your high frequency application. It is usually used on cellular phone, cordless security, pagers, Microwave telecommunication products, etc.

本產品提供一個超高頻應用的選擇，最高可以到6GHz。目前以有0805 (2012) 及0603 (1608) 兩種尺寸共選擇。經常使用在大哥大、無線傳輸及高頻無線通信器材上。

PARTNO.	INDUCTANCE (μH at 100MHz)	Q (Typ.)		SRF Min. (Mhz)	RDC Max. (M)	Rated DC Current Max. (mA)
		at 100MHz	800MHz			
JCI-1608C-33NJ	33	8	14	2.4	1,500	650
JCI-1608C-22NJ	22	8	14	3.0	1,850	550
JCI-1608C-15NJ	15	8	11	2.6	2,400	450
JCI-1608C-10NJ	10	8	11	3.1	2,850	350
JCI-1608C-6N8S	6.8	8	11	3.2	3,750	300
JCI-1608C-4N7S	4.7	8	10	3.2	4,800	280
JCI-1608C-3N3S	3.3	8	10	3.0	5,700	220
JCI-1608C-47NJ	47	8	14	1.8	1,200	900
JCI-2012C-R12J	120	8	19	-	650	1,300
JCI-2012C-R10J	100	8	18	-	730	1,000
JCI-2012C-82NJ	82	8	20	9	850	900
JCI-2012C-68NJ	68	8	19	2.8	1,000	800
JCI-2012C-56NJ	5.6	8	19	3.1	1,150	750
JCI-2012C-47NJ	47	8	18	3.3	1,200	700
JCI-2012C-33NJ	33	8	18	3.5	1,350	600
JCI-2012C-10NJ	10	8	16	4.5	2,500	300

* : TOLERANCE : J = ±5% ; K = ±10% ; M = ±20% ; Ktolerance is standard.

PartNumber	ProductNumber	Description
13515	JCI-1608C-33NJ	高頻晶片電感器
13516	JCI-1608C-22NJ	高頻晶片電感器
13517	JCI-1608C-15NJ	高頻晶片電感器
13518	JCI-1608C-10NJ	高頻晶片電感器
13519	JCI-1608C-6N8S	高頻晶片電感器
13520	JCI-1608C-4N7S	高頻晶片電感器
13521	JCI-1608C-3N3S	高頻晶片電感器
13682	JCI-1608C-47NJ	高頻晶片電感器
13522	JCI-2012C-R12J	高頻晶片電感器
13523	JCI-2012C-R10J	高頻晶片電感器
13524	JCI-2012C-82NJ	高頻晶片電感器
13525	JCI-2012C-68NJ	高頻晶片電感器
13526	JCI-2012C-56NJ	高頻晶片電感器
13527	JCI-2012C-47NJ	高頻晶片電感器
13528	JCI-2012C-33NJ	高頻晶片電感器
13529	JCI-2012C-10NJ	高頻晶片電感器

高頻繞線晶片電感器
High Frequency Wound Chip Inductors



Provides the superior SRF and Q values allow high-frequency. Because the wirewound construction, it is able to endure higher IDC. It is usually used in the communication equipment, like Portable Cordless Phone, BB Calls, RF Telecom, etc. 本產品提能夠在超高頻時提供一個較高的Q及SRF值。並且由於繞線的關係，能夠提供較高的IDC特性。使用範圍大哥大，BB Call, RF通訊器材等。

PARTNO.	Unit:mm		JW10805C Unit:mm		
	A	B	C	D	E
JW10603C	1.6 ±0.2mm	0.80 ±0.2mm	0.8 ±0.2mm	0.30 (REF.)	-
JW10805C	2.0 ±0.2mm	1.25 ±0.2mm	1.2 ±0.2mm	0.50 (REF.)	0.4 ±0.2mm

PARTNO.	INDUCTANCE (μH)	Tolerance	Q Min.	SRF Min. (MHz)	RDC Max. ()	IDC Max. (mA)
JW10603C-10NJ	10 @ 100MHz	±5%	30 @ 500MHz	2,800	0.32	400
JW10603C-12NJ	12 @ 100MHz	±5%	30 @ 500MHz	2,800	0.35	400
JW10603C-15NJ	15 @ 100MHz	±5%	30 @ 500MHz	2,500	0.41	350
JW10603C-22NJ	22 @ 100MHz	±5%	30 @ 500MHz	2,000	0.50	300
JW10603C-33NJ	33 @ 100MHz	±5%	30 @ 500MHz	1,800	0.60	300
JW10603C-47NJ	47 @ 100MHz	±5%	30 @ 500MHz	1,800	0.95	250
JW10603C-5N6J	5.6 @ 100MHz	±5%	30 @ 100MHz	4,600	0.18	430
JW10603C-68NJ	68 @ 100MHz	±5%	30 @ 500MHz	1,500	1.30	250
JW10603C-R10J	100 @ 100MHz	±5%	30 @ 500MHz	1,300	1.80	200
JW10805C-10NJ	10 @ 100MHz	±5%	60 @ 500MHz	4,800	0.06	600
JW10805C-22NJ	22 @ 100MHz	±5%	60 @ 500MHz	3,300	0.10	500
JW10805C-33MJ	33 @ 100MHz	±5%	60 @ 500MHz	2,400	0.15	500
JW10805C-47NJ	47 @ 100MHz	±5%	60 @ 500MHz	1,700	0.20	500
JW10805C-4N7J	4.7 @ 100MHz	±5%	60 @ 100MHz	6,000	0.06	600
JW10805C-68NJ	68 @ 100MHz	±5%	60 @ 500MHz	1,450	0.35	500
JW10805C-R10J	100 @ 100MHz	±5%	60 @ 500MHz	1,200	0.50	500
JW10805C-R12J	120 @ 25MHz	±5%	50 @ 250MHz	1,100	0.60	400
JW10805C-R15J	150 @ 25MHz	±5%	50 @ 250MHz	950	0.85	400
JW10805C-R18J	180 @ 25MHz	±5%	50 @ 250MHz	900	1.00	400
JW10805C-R22J	220 @ 25MHz	±5%	50 @ 250MHz	860	1.20	400

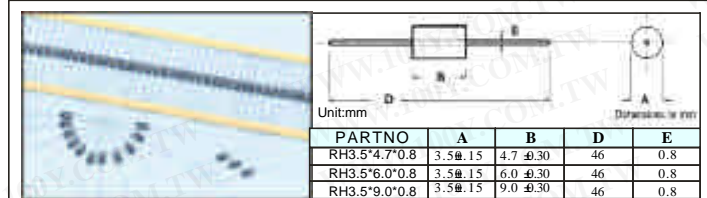
* : TOLERANCE : G = ±2% ; J = ±5% ; K = ±10% ; M = ±20% ; Ktolerance is standard.

PartNumber	ProductNumber	Description
13551	JW10603C-10NJ	高頻繞線 10nH ±5%
13552	JW10603C-12NJ	高頻繞線 12nH ±5%
13553	JW10603C-15NJ	高頻繞線 15nH ±5%
13554	JW10603C-22NJ	高頻繞線 22nH ±5%
13555	JW10603C-33NJ	高頻繞線 33nH ±5%
13556	JW10603C-47NJ	高頻繞線 47nH ±5%
13550	JW10603C-5N6J	高頻繞線 5.6nH ±5%
13557	JW10603C-68NJ	高頻繞線 68nH ±5%
13683	JW10603C-R10J	高頻繞線 100nH ±5%
13566	JW10805C-10NJ	高頻繞線 10nH ±5%
13565	JW10805C-22NJ	高頻繞線 22nH ±5%
13564	JW10805C-33NJ	高頻繞線 33nH ±5%
13563	JW10805C-47NJ	高頻繞線 47nH ±5%
13567	JW10805C-4N7J	高頻繞線 4.7nH ±5%
13506	JW10805C-68NJ	高頻繞線 68nH ±5%
13558	JW10805C-R10J	高頻繞線 100nH ±5%
13562	JW10805C-R12J	高頻繞線 120nH ±5%
13561	JW10805C-R15J	高頻繞線 150nH ±5%
13560	JW10805C-R18J	高頻繞線 180nH ±5%
13559	JW10805C-R22J	高頻繞線 220nH ±5%

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

鐵粉芯

(電阻型)鐵粉芯 Ferrite Beads



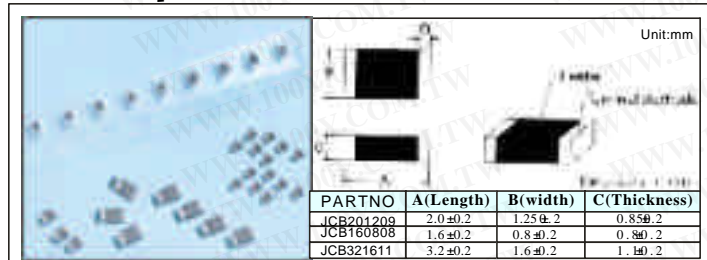
Shielding signal noise suppression and transient frequency damping for PC boards, Display card, music cards, music cards, communication equipments and more.
 本產品提供一個解決EMI的方法，它不僅可以抑制電磁干擾，也可以單獨減低噪音及過濾短暫不合的高頻率振幅，適用於主機板、顯示卡、音效卡、通訊產品等。

PARTNO.	IMPEDANCE()		SIZE(mm)	
	25MHz	100MHz	A	B
RH3.5*4.7*0.8	35 [±]	60 [±]	3.5±0.15	4.7±0.30
RH3.5*6.0*0.8	50 [±]	75 [±]	3.5±0.15	6.0±0.30
RH3.5*9.0*0.8	80 [±]	120 [±]	3.5±0.15	9.0±0.30

PartNumber	ProductNumber	Description
9988	RH3.5*4.7*0.8	3.5*4.7 鐵粉芯
9989	RH3.5*6.0*0.8	3.5*6.0 鐵粉芯
9990	RH3.5*9.0*0.8	3.5*9.0 鐵粉芯

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

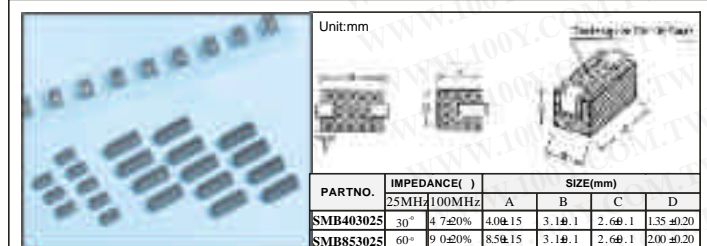
晶片型鐵粉芯 S.M.B Chip Ferrite Bead



Chip Beads offer full specification for your choice. Wide impedance characteristic and several size support you easy to design.
 本產品提供多種規格供選擇，寬阻抗及尺寸幫助您設計。

PARTNO.	IMPEDANCE()	Test Freq.(MHz)	RDC(%) Max	IDC(Ma) Max
CHIP BEAD JCB TYPE (POPULAR ITEM)				
JCB160808-800	80 ±25%	100	0.30	300
JCB321611-310	31 ±25%	100	0.20	500
CHIP BEAD JCB TYPE (others)				
JCB201209-110	11 ±25%	100	0.10	600
CHIP BEAD JCB TYPE (HIGH IMPEDANCE)				
JCB201209-301	300 ±25%	100	0.30	200

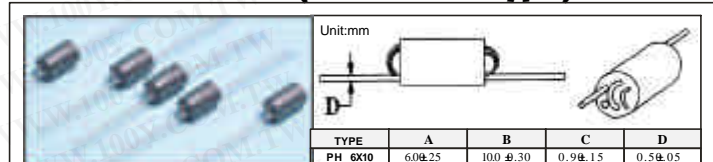
PartNumber	ProductNumber	Description
12089	JCB160808-800	晶片型鐵粉芯
8113	JCB201209-110	晶片型鐵粉芯
15301	JCB201209-301	晶片型鐵粉芯
3523	JCB321611-310	晶片型鐵粉芯



Surface Mounting Bead uses flat wire in it and could endure higher current. It is mounted in the boards with surface mounting equipment.
 本產品採用扁平銅線作為導線，具有耐較高電流的特性，可使用表面黏著機械接著於版子上。

PartNumber	ProductNumber	Description
3522	SMB403025	晶片型鐵粉芯
9991	SMB853025	晶片型鐵粉芯

寬頻阻抗鐵粉芯 Wide Band Choke (R6H & R8H Type)



Wide Band Choke has a higher impedance characteristic. It supplies several kinds of models for customers' requirement.
 本產品擁有較高的頻率阻抗的特性。能夠根據客戶的客求，提供各種不同的規格。

PARTNO.	TURNSTs	Typical 25MHz	IMPEDANCE() 100MHz
A6R6H2.5TS	2.5	500	600

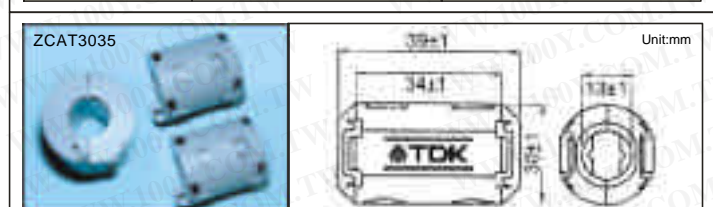
PartNumber	Product Number	Description
9993	A6R6H2.5TS	寬頻阻抗鐵粉芯

可夾式鐵粉芯扣環 Cable Ferrites



JMLF-35	JMLF-50	JMLF-65	JMLF-75
3.5	5.0	6.5	7.5
14.5	16.0	19.5	20.0
25.5	29.6	32.0	38.8
JMLF-90	JMLF-100	JMLF-130	Type
9.0	10.0	13.0	25MHz
43.4	23.0	30.0	100MHz
22.5	24.5	31.5	JMLF-35
	32.0	32.0	JMLF-50
			JMLF-65
			JMLF-75
			JMLF-90
			JMLF-100
			JMLF-130

PartNumber	Product Number	Description
3521	JMLF-35	可夾式鐵粉芯扣環
9994	JMLF-50	可夾式鐵粉芯扣環
8111	JMLF-65	可夾式鐵粉芯扣環
8112	JMLF-75	可夾式鐵粉芯扣環
9995	JMLF-90	可夾式鐵粉芯扣環
3519	JMLF-100	可夾式鐵粉芯扣環
3520	JMLF-130	可夾式鐵粉芯扣環



FEATURES
 Unique plastic case ensures simple, convenient installation and includes a self holding mechanism to prevent slippage on cables.
 Ferrite core provides excellent absorption of high-frequency EMC.
 Highly effective as countermeasure against common mode EMC without adverse effect on signal quality.
 Large core size prevents saturation during large signal surges.

APPLICATIONS
 Personal computers, word processors, monitors, hard disk drives, digital telephones, audio devices, electronic musical instruments, video games, copiers and facsimiles.

PartNumber	Product Number	Manuf.	Description	規格
13975	ZCAT3035	TDK	可夾式鐵粉芯扣環	80 50to500MHz

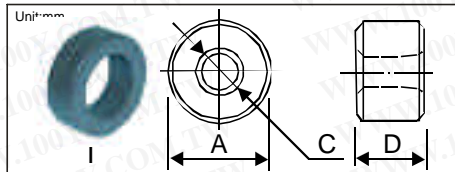
勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
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T-Type 圓環型鐵粉芯
T-Type Ferrite Cores



Application:

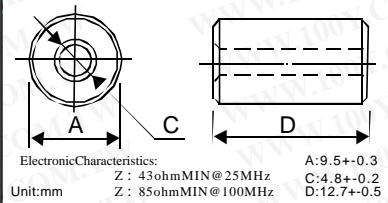
The T core are mainly used for coupling transformers, balancing coils, fixed coils and filter coils. The ring configurations provide the ultimate in utilization of the properties of ferrite. Pulse transformer filter inductors loading coil and balun transformers are a few of application for this type core.



ITEM (A*C*D)
12*5.5*3
17.5*9.5*7
22.5*13.8*6.4
22.5*13.8*8
31*19*8
6*4*2
9.5*4.8*3

Part Number	Product Number	Description
9998	T12*5.5*3	圓環型鐵粉芯
10003	T17.5*9.5*7	圓環型鐵粉芯
10001	T22.5*13.8*6.4	圓環型鐵粉芯
10000	T22.5*13.8*8	圓環型鐵粉芯
10002	T31*19*8	圓環型鐵粉芯
9996	T6*4*2	圓環型鐵粉芯
9997	T9.5*4.8*3	圓環型鐵粉芯

RH-Type 圓柱中空型鐵粉芯
RH-Type Ferrite Cores



Electronic Characteristics:
Z: 43ohm MIN @ 25MHz
Z: 85ohm MIN @ 100MHz
A: 9.5+0.3
C: 4.8+0.2
D: 12.7+0.5

Test Item	Z @ 25MHz	Z @ 100MHz	A	C	D
1	7.3	12.4	9.45	4.84	12.71
2	7.4	12.4	9.50	4.89	12.62
3	7.3	12.4	9.55	4.87	12.74
4	7.3	12.5	9.55	4.89	12.71
5	7.3	12.4	9.57	4.87	12.74
\bar{x}	73.2	124.2	9.52	4.87	12.70

Part Number	Product Number	Description
10011	EM11-RH9.5*4.8*12.7	圓柱中空型鐵粉芯
10013	L3E-RH14.2*6.35*28.5	圓柱中空型鐵粉芯
10012	L52-RH12*7.3*15	圓柱中空型鐵粉芯
10010	L52-RH4.6*1.85*6	圓柱中空型鐵粉芯

可遮蔽RFI/EMI的商品

RFI/EMI 遮蔽膠帶
RFI/EMI Foil Shielding Tapes



厚2-mil金屬箔, 導電膠黏裝置, 用作電磁射線干擾屏蔽, 靜電洩放, 接地, 依模切割容易。
絕緣電阻: 0.010(M)
擊穿強度 (磅lb/寸in)/(牛頓N/10毫米mm): 20/35
對鋼的黏附力 (Adhesion to Steel) (安士oz/寸in)(牛頓N/10毫米mm): 35/3.8
符合UL510防燃劑安規認證

Dead soft aluminum foil tape with a unique electrically conductive, pressure-sensitive adhesive system.
Roll Length: 18yds
Backing Thickness: 2.0mil(0.05mm)
Total Thickness: 3.2mil(0.08mm)
Breaking Strength: 20lb/in(35N/10mm)
Adhesion to Steel: 35oz/in(3.8N/10mm)

Electrical Resistance through Adhesive: 5:0.010ohm
#11010 尺寸: (長)30Mx(寬)10mm x(厚)0.08mm
#11010 尺寸: (長)30Mx(寬)10mm x(厚)0.08mm
#5216 尺寸: (長)30Mx(寬)20mm x(厚)0.08mm

Part No.	Product No.	Manuf.	Description	厚度(mm)
11010	T11700100	3M	鋁箔膠帶單面膠(導電)	0.08mm
11011	T1170150	3M	鋁箔膠帶單面膠(導電)	0.08mm
5216	T11700200	3M	鋁箔膠帶單面膠(導電)	0.08mm



Smooth, dead soft copper foil tape with non-conductive adhesive
Roll Length: 3:36yds
Backing Thickness: 1.4mil(0.04mm)
Breaking Strength: 25lb/in(44N/10mm)
Electrical Resistance through Adhesive: 5:N/A
#5217 尺寸: (長)30Mx(寬)10mm x(厚)0.08mm
#5219 尺寸: (長)30Mx(寬)15mm x(厚)0.08mm
#4066 尺寸: (長)30Mx(寬)20mm x(厚)0.08mm
#5218 尺寸: (長)30Mx(寬)25mm x(厚)0.08mm
#9249 尺寸: (長)30Mx(寬)50mm x(厚)0.08mm

厚1.4-mil金屬箔, 非導電膠黏劑, 用於電磁射線干擾、接地後靜電洩放; 依模切割容易。
絕緣電阻: N/A(M)
擊穿強度 (磅lb/寸in)/(牛頓N/10毫米mm): 25/44
對鋼的黏附力 (Adhesion to Steel) (安士oz/寸in)(牛頓N/10毫米mm): 40/4.4
符合UL510防燃劑安規認證

Total Thickness: 3.0mil(0.08mm)
Adhesion to Steel: 40oz/in(4.4N/10mm)



Part No.	Product No.	Manuf.	Description	厚度(mm)
5217	T11940100	3M	銅箔膠帶單面膠(不導電)	0.08mm
5219	T11940150	3M	銅箔膠帶單面膠(不導電)	0.08mm
4066	T11940200	3M	銅箔膠帶單面膠(不導電)	0.08mm
5218	T11940250	3M	銅箔膠帶單面膠(不導電)	0.08mm
9249	T11940500	3M	銅箔膠帶單面膠(不導電)	0.08mm



Dead soft copper foil tape with a unique electrically conductive, pressure-sensitive adhesive system.
Roll Length: 18yds
Backing Thickness: 1.4mil(0.04mm)
Breaking Strength: 25lb/in(44N/10mm)
Electrical Resistance through Adhesive: 5:0.005ohm

厚1.4-mil金屬箔, 導電膠黏裝置, 用作電磁射線干擾屏蔽、靜電洩放, 接地, 可焊接; 依模切割容易。
絕緣電阻: 0.005(M)
擊穿強度 (磅lb/寸in)/(牛頓N/10毫米mm): 25/44
對鋼的黏附力 (Adhesion to Steel) (安士oz/寸in)(牛頓N/10毫米mm): 35/3.8
符合UL510防燃劑安規認證

Total Thickness: 2.6mil(0.07mm)
Adhesion to Steel: 35oz/in(3.8N/10mm)



Part No.	Product No.	Manuf.	Description	厚度(mm)
4065	T11810100	3M	銅箔膠帶單面膠(導電)	0.07mm
10873	T11810150	3M	銅箔膠帶單面膠(導電)	0.07mm
5214	T11810200	3M	銅箔膠帶單面膠(導電)	0.07mm
5215	T11810250	3M	銅箔膠帶單面膠(導電)	0.07mm
16621	T11810500	3M	銅箔膠帶單面膠(導電)	0.07mm



Dead soft copper foil tape with a unique electrically conductive, pressure-sensitive adhesive system coated on both sides.
Roll Length: 18yds
Backing Thickness: 1.4mil(0.04mm)
Total Thickness: 3.5mil(0.09mm)
Breaking Strength: 25lb/in(44N/10mm)
Adhesion to Steel: 35oz/in(3.8N/10mm)
Electrical Resistance through Adhesive: 0.010ohm

厚1.4-mil金屬箔, 雙面導電膠黏劑, 用作電磁射線干擾屏蔽、靜電洩放、接地, 依模切割容易。
絕緣電阻: 0.010(M)
擊穿強度 (磅lb/寸in)/(牛頓N/10毫米mm): 25/44
對鋼的黏附力 (Adhesion to Steel) (安士oz/寸in)(牛頓N/10毫米mm): 35/3.8
符合UL510防燃劑安規認證

#5220 尺寸: (長)30Mx(寬)10mm x(厚)0.09mm
#5221 尺寸: (長)30Mx(寬)15mm x(厚)0.09mm

Part No.	Product No.	Manuf.	Description	厚度(mm)
5220	T11820100	3M	銅箔膠帶雙面膠(導電)	0.09mm
5221	T11820150	3M	銅箔膠帶雙面膠(導電)	0.09mm



Embossed, dead soft copper foil tape, conductive-through adhesive.
Roll Length: 18yds
Backing Thickness: 1.4mil(0.04mm)
Breaking Strength: 25lb/in(44N/10mm)
Adhesion to Steel: 35oz/in(3.8N/10mm)
Electrical Resistance through Adhesive: 5:0.001ohm

厚1.4-mil金屬箔, 黏結後仍能導電, 用於電磁射線干擾、靜電洩放, 接地, 可焊接; 依模切割容易。
絕緣電阻: 0.001(M)
擊穿強度 (磅lb/寸in)/(牛頓N/10毫米mm): 25/44
對鋼的黏附力 (Adhesion to Steel) (安士oz/寸in)(牛頓N/10毫米mm): 35/3.8
符合UL510防燃劑安規認證

Total Thickness: 4.0mil(0.10mm)
Adhesion to Steel: 35oz/in(3.8N/10mm)
#11504 尺寸: (長)30Mx(寬)150mm x(厚)0.10mm

Part No.	Product No.	Manuf.	Description	厚度(mm)
11504	T12450150	3M	壓紋銅箔膠帶, 單面膠(導電)	0.10mm

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