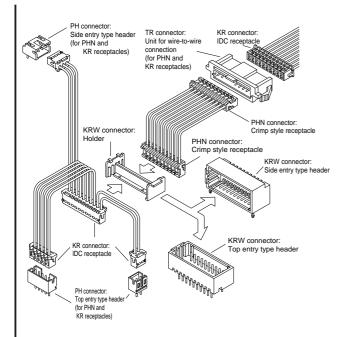


# KK FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR

2.0mm pitch/Disconnectable Insulation displacement and Crimp style connectors

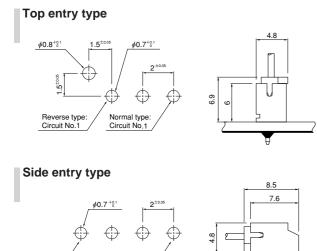


Based upon JST's field proven KR series connectors. the KR series family of connectors have been expanded to meet the requirements of high density packaging. The KRW connector allows double-row wire-to-board connection using either the KR or PHN connectors. Whilst the TR connector allows wire-to-wire connection. also using either the KR or PHN connectors.

### PC board layout and Assembly layout

### Single-row shrouded header

<Through-hole type (viewed from component side)>



Note: 1. Tolerances are non-cumulative: ±0.05 mm for all centers. 2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

6.25

Normal type

Circuit N

- Multi-IDC-harnesses are possible
- Various types of connectors
- Cost reduction
- Two types of circuit layouts

### Specifications -

Item	KRW connector	TR • TRW connector		
Curren rating	1.0 A AC, DC (AWG #26)			
Voltage rating	100 V /	AC, DC		
Temperaure rise	-25°C to +85°C (includ	ing temperature rise)		
Contact rasistance	initial / 10 m $\Omega$ max. After environmental tests / 20 m $\Omega$ max.			
Insulation resistance	1,000 N	IΩ min.		
Withstanding voltage	800 VA0	C/minute		
Applicable connector	KR connector, CR con	nector, PHN connector		
Applicable PC board thickness	1.6 mm	—		
Applicable panel thickness	s — 0.5 mm to 2 mr			

\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

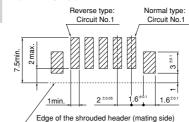
- \* Contact JST for details.
- \* Compliant with RoHS.

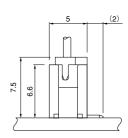
### Standards

- N Recognized E60389
- 胜特力电子(深圳) 86-755-83298787 Http://www. 100y. com. tw
- GE Certified LR20812
- A R75087: PH, PHN connectors

### <SMTtype (viewed from soldering side)>

### Top entry type

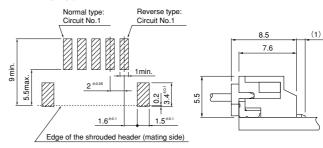




勝特力材料 886-3-5773766

胜特力电子(上海) 86-21-34970699

### Side entry type

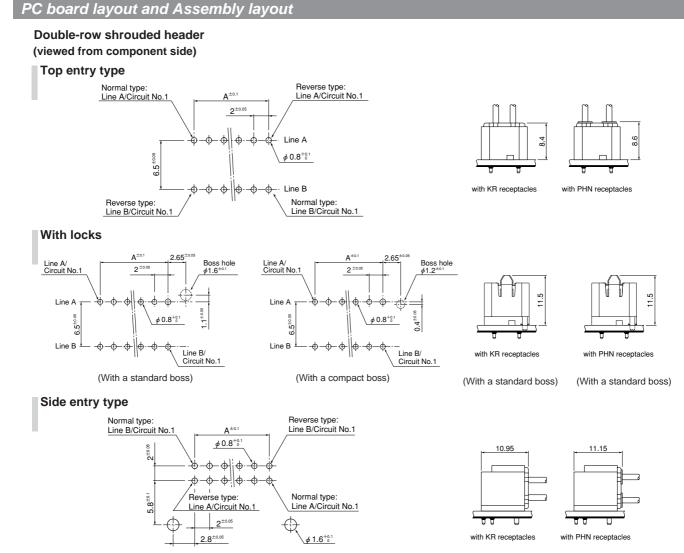


Note: 1. Tolerances are non-cumulative: ±0.05 mm for all centers. 2. The dimensions above should serve as a guideline. Contact JST for details.

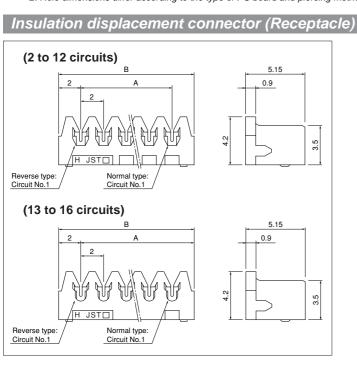


Reverse type

Circuit No.



Note: 1. Tolerances are non-cumulative: ±0.05 mm for all centers. 2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.



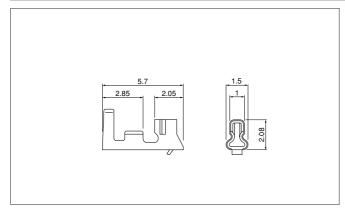
Circuits	Mod	el No.	Dimensio	Dimensions (mm)		
Circuits	Normal type	Reverse type	A	В	box	
2	02KR-6H-P	02KR-6H-PC	2.0	6.0	2,000	
3	03KR-6H-P	03KR-6H-PC	4.0	8.0	2,000	
4	04KR-6H-P	04KR-6H-PC	6.0	10.0	2,000	
5	05KR-6H-P	05KR-6H-PC	8.0	12.0	2,000	
6	06KR-6H-P	06KR-6H-PC	10.0	14.0	2,000	
7	07KR-6H-P	07KR-6H-PC	12.0	16.0	1,000	
8	08KR-6H-P	08KR-6H-PC	14.0	18.0	1,000	
9	09KR-6H-P	09KR-6H-PC	16.0	20.0	1,000	
10	10KR-6H-P	10KR-6H-PC	18.0	22.0	1,000	
11	11KR-6H-P	11KR-6H-PC	20.0	24.0	1,000	
12	12KR-6H-P	12KR-6H-PC	22.0	26.0	1,000	
13	13KR-6H-P	13KR-6H-PC	24.0	28.0	500	
14	14KR-6H-P	14KR-6H-PC	26.0	30.0	500	
15	15KR-6H-P	15KR-6H-PC	28.0	32.0	500	
16	16KR-6H-P	16KR-6H-PC	30.0	34.0	500	
		Material and Finish				
	Contact: Phosphor	bronze, tin-plated (reflow	treatment)			

13 to 16 circuits...Glass-filled PA 66, UL94V-0, gray

Applicable wire UL1571, 1061(Contact JST for other UL styles.) AWG#28, #26 Conductor / 7 strands, tin-plated annealed copper Insulation O.D. / 0.9 to 1.0 mm

**RoHS compliance** 

### Crimp style connector (Contact)



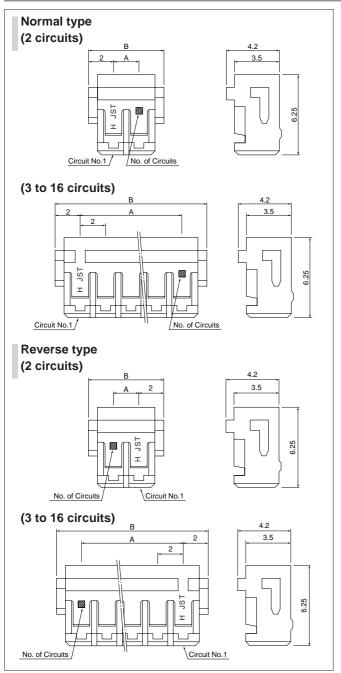
Model No.	Applicat	ole wire	Insulation O.D.	Q'ty/
woder no.	mm <sup>2</sup>	AWG#	(mm)	reel
SPH-002T-P0.5L	0.08~0.22	28~24	0.8~1.5	8,000
	Materia	I and Finish		

Phosphor bronze, tin-plated (reflow treatment)

**RoHS compliance** Note: SPH-002T-P0.5S is also available.

Contact	c	rimping		Applicator	
Contact	n	machine	Crimp applicator	Dies	Crimp applicator with dies
			MKS-L	MK/SPH-002-05L	APLMK SPH002-05L
SPH-002T-PC	J.SL /	AP-K2N	*MKS-SC	SC/SPH-002-05L	APLSC SPH002-05L
Note: *Strip-c	rimp a	applicat	or		

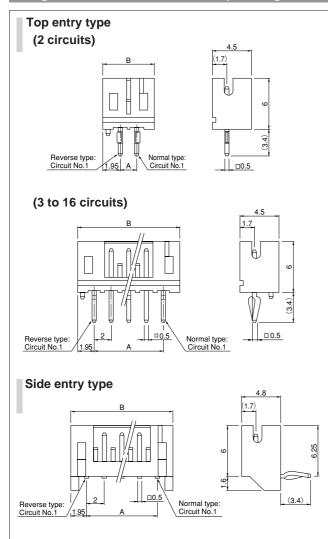
Crimp style connector (Housing)



0:	Model No.		Dimensio	Q'ty/	
Circuits	Normal type	Reverse type	А	В	bag
2	PHNR-02-H	PHNR-02C-H	2.0	6.0	1,000
3	PHNR-03-H	PHNR-03C-H	4.0	8.0	1,000
4	PHNR-04-H	PHNR-04C-H	6.0	10.0	1,000
5	PHNR-05-H	PHNR-05C-H	8.0	12.0	1,000
6	PHNR-06-H	PHNR-06C-H	10.0	14.0	1,000
7	PHNR-07-H	PHNR-07C-H	12.0	16.0	1,000
8	PHNR-08-H	PHNR-08C-H	14.0	18.0	1,000
9	PHNR-09-H	PHNR-09C-H	16.0	20.0	1,000
10	PHNR-10-H	PHNR-10C-H	18.0	22.0	1,000
11	PHNR-11-H	PHNR-11C-H	20.0	24.0	1,000
12	PHNR-12-H	PHNR-12C-H	22.0	26.0	1,000
13	PHNR-13-H	PHNR-13C-H	24.0	28.0	1,000
14	PHNR-14-H	PHNR-14C-H	26.0	30.0	1,000
15	PHNR-15-H	PHNR-15C-H	28.0	32.0	1,000
16	PHNR-16-H	PHNR-16C-H	30.0	34.0	1,000
		Material			

RoHS compliance

### Single-row shrouded header (Through-hole type)



Circuito	Normal typ	be Model No.	Dimensio	ons(mm)	Q'ty	
Circuits	Top entry type (with boss)	Side entry type	A	В	Top entry type (with a boss)	Side entr type
2	B2B-PH-KBL-H	S2B-PH-KL	2.0	5.9	1,000	1,000
3	B3B-PH-KBL-H	S3B-PH-KL	4.0	7.9	1,000	1,000
4	B4B-PH-KBL-H	S4B-PH-KL	6.0	9.9	1,000	500
5	B5B-PH-KBL-H	S5B-PH-KL	8.0	11.9	1,000	500
6	B6B-PH-KBL-H	S6B-PH-KL	10.0	13.9	1,000	500
7	B7B-PH-KBL-H	S7B-PH-KL	12.0	15.9	500	500
8	B8B-PH-KBL-H	S8B-PH-KL	14.0	17.9	500	250
9	B9B-PH-KBL-H	S9B-PH-KL	16.0	19.9	500	250
10	B10B-PH-KBL-H	S10B-PH-KL	18.0	21.9	500	250
11	B11B-PH-KBL-H	S11B-PH-KL	20.0	23.9	500	250
12	B12B-PH-KBL-H	S12B-PH-KL	22.0	25.9	500	250
13	B13B-PH-KBL-H	S13B-PH-KL	24.0	27.9	250	250
14	B14B-PH-KBL-H	S14B-PH-KL	26.0	29.9	250	200
15	B15B-PH-KBL-H	S15B-PH-KL	28.0	31.9	250	200
16	B16B-PH-KBL-H	S16B-PH-KL	30.0	33.9	250	200
			D' '	( )		0
Circuits						
Circuits	,	pe Model No.		ons(mm)	Q'ty	
	Top entry type (with boss)	Side entry type	A	B	Top entry type (with a boss)	Side ent type
2	Top entry type (with boss) B2B-PH-KBLC-H	Side entry type S2B-PH-KLC-H	A 2.0	B 5.9	Top entry type (with a boss) 1,000	Side ent type 1,000
2 3	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H	A 2.0 4.0	B 5.9 7.9	Top entry type (with a boss) 1,000 1,000	Side ent type 1,000
2 3 4	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B4B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H	A 2.0 4.0 6.0	B 5.9 7.9 9.9	Top entry type (with a boss) 1,000 1,000 1,000	Side ent type 1,000 1,000 500
2 3 4 5	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B4B-PH-KBLC-H B5B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H S5B-PH-KLC-H	A 2.0 4.0 6.0 8.0	B 5.9 7.9 9.9 11.9	Top entry type (with a boss) 1,000 1,000 1,000 1,000	Side ent type 1,000 1,000 500 500
2 3 4 5 6	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B4B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H	A 2.0 4.0 6.0 8.0 10.0	B 5.9 7.9 9.9 11.9 13.9	Top entry type (with a boss) 1,000 1,000 1,000 1,000 1,000	Side ent type 1,000 1,000 500 500 500
2 3 4 5 6 7	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B4B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H S7B-PH-KLC-H	A 2.0 4.0 6.0 8.0 10.0 12.0	B 5.9 7.9 9.9 11.9 13.9 15.9	Top entry type (with a boss)   1,000   1,000   1,000   1,000   1,000   1,000   1,000   500	Side ent type 1,000 1,000 500 500 500 500
2 3 4 5 6 7 8	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B4B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H S7B-PH-KLC-H S8B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9	Top entry type (with a boss)   1,000   1,000   1,000   1,000   1,000   1,000   1,000   500	Side ent type 1,000 500 500 500 500 250
2 3 4 5 6 7 8 9	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B4B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H B9B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H S5B-PH-KLC-H S7B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H	A 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9	Top entry type (with a boss) 1,000 1,000 1,000 1,000 1,000 1,000 500 500 500	Side ent type 1,000 500 500 500 250 250 250
2 3 4 5 6 7 8 9 10	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H B10B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S4B-PH-KLC-H S5B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H S10B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0   16.0   18.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9 21.9	Top entry type   (with a boss)   1,000   1,000   1,000   1,000   1,000   1,000   500   500   500	Side entr type 1,000 1,000 500 500 500 250 250 250 250
2 3 4 5 6 7 8 9 10 11	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H B10B-PH-KBLC-H B11B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S5B-PH-KLC-H S5B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H S10B-PH-KLC-H S11B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0   16.0   18.0   20.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9 21.9 23.9	Top entry type   (with a boss)   1,000   1,000   1,000   1,000   1,000   1,000   1,000   500   500   500   500   500	Side entry type 1,000 1,000 500 500 500 250 250 250 250
2 3 4 5 6 7 8 9 10 11 11 12	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H B10B-PH-KBLC-H B11B-PH-KBLC-H B12B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H S10B-PH-KLC-H S11B-PH-KLC-H S12B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0   16.0   18.0   20.0   22.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9 21.9 23.9 25.9	Top entry type (with a bess) 1,000 1,000 1,000 1,000 1,000 1,000 500 500 500 500 500 500 500	Side entry type 1,000 1,000 500 500 500 250 250 250 250
2 3 4 5 6 7 8 9 10 11 11 12 13	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H B10B-PH-KBLC-H B11B-PH-KBLC-H B12B-PH-KBLC-H B13B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H S10B-PH-KLC-H S11B-PH-KLC-H S12B-PH-KLC-H S13B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0   16.0   18.0   20.0   22.0   24.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9 21.9 23.9 25.9 27.9	Top entry type (with a bess) 1,000 1,000 1,000 1,000 1,000 1,000 500 500 500 500 500 500 250	Side entry type 1,000 1,000 500 500 250 250 250 250 250 250 250
3 4 5 6 7 8 9 10 11 12 13 14	Top entry type (with boss)   B2B-PH-KBLC-H   B3B-PH-KBLC-H   B4B-PH-KBLC-H   B5B-PH-KBLC-H   B6B-PH-KBLC-H   B7B-PH-KBLC-H   B8B-PH-KBLC-H   B10B-PH-KBLC-H   B10B-PH-KBLC-H   B11B-PH-KBLC-H   B12B-PH-KBLC-H   B13B-PH-KBLC-H   B13B-PH-KBLC-H   B13B-PH-KBLC-H   B14B-PH-KBLC-H   B14B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H S10B-PH-KLC-H S11B-PH-KLC-H S12B-PH-KLC-H S13B-PH-KLC-H S14B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0   16.0   18.0   20.0   22.0   24.0   26.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9 21.9 23.9 25.9 27.9 29.9	Top entry type   (with a boss)   1,000   1,000   1,000   1,000   1,000   1,000   500   500   500   500   500   500   500   500   500   250   250	Side entry type 1,000 1,000 500 500 500 250 250 250 250 250 250
2 3 4 5 6 7 8 9 10 11 11 12 13	Top entry type (with boss) B2B-PH-KBLC-H B3B-PH-KBLC-H B5B-PH-KBLC-H B6B-PH-KBLC-H B7B-PH-KBLC-H B8B-PH-KBLC-H B10B-PH-KBLC-H B11B-PH-KBLC-H B12B-PH-KBLC-H B13B-PH-KBLC-H	Side entry type S2B-PH-KLC-H S3B-PH-KLC-H S5B-PH-KLC-H S6B-PH-KLC-H S7B-PH-KLC-H S9B-PH-KLC-H S10B-PH-KLC-H S11B-PH-KLC-H S12B-PH-KLC-H S13B-PH-KLC-H	A   2.0   4.0   6.0   8.0   10.0   12.0   14.0   16.0   18.0   20.0   22.0   24.0	B 5.9 7.9 9.9 11.9 13.9 15.9 17.9 19.9 21.9 23.9 25.9 27.9	Top entry type (with a bess) 1,000 1,000 1,000 1,000 1,000 1,000 500 500 500 500 500 500 250	Side entr

#### Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: PA 66, UL94V-0, gray

**RoHS compliance** This product displays (LF)(SN) on a label.

Note: 1. Top entry type headers without a bosses are also available. 2. PH connector header [B()B-PH-K-S, S()B-PH-K-S] can be also used.

() stands for circuits No.

*<For reference>* As the color identification,

the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

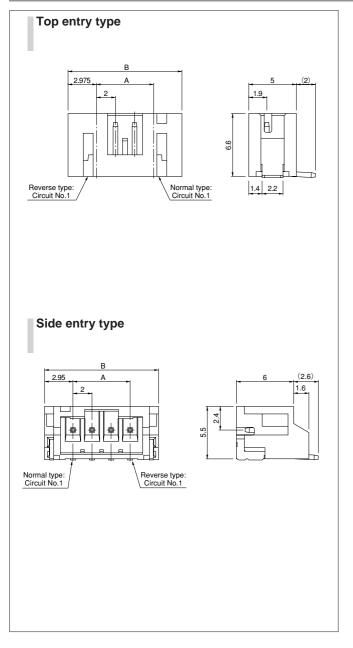
### ex. B2B-PH-KBLC-H

H...gray S...white Y...yellow R...red N...brown

K...black (blank)...gray (normal side entry type only)

# KR FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR

### Single-row shrouded header (SMT type)



	Normal type Medal No		Dimensions (mm)			<u></u>
Circuits	Normal type Model No.		Α	В		Q'ty/
	Top entry type	Side entry type	A	Top entry type	Side entry type	reel
2	B2B-PH-SM4-TB	S2B-PH-SM4-TB	2.0	7.95	7.9	1,000
3	B3B-PH-SM4-TB	S3B-PH-SM4-TB	4.0	9.95	9.9	1,000
4	B4B-PH-SM4-TB	S4B-PH-SM4-TB	6.0	11.95	11.9	1,000
5	B5B-PH-SM4-TB	S5B-PH-SM4-TB	8.0	13.95	13.9	1,000
6	B6B-PH-SM4-TB	S6B-PH-SM4-TB	10.0	15.95	15.9	1,000
7	B7B-PH-SM4-TB	S7B-PH-SM4-TB	12.0	17.95	17.9	1,000
8	B8B-PH-SM4-TB	S8B-PH-SM4-TB	14.0	19.95	19.9	1,000
9	B9B-PH-SM4-TB	S9B-PH-SM4-TB	16.0	21.95	21.9	1,000
10	B10B-PH-SM4-TB	S10B-PH-SM4-TB	18.0	23.95	23.9	1,000
11	B11B-PH-SM4-TB	S11B-PH-SM4-TB	20.0	25.95	25.9	1,000
12	B12B-PH-SM4-TB	S12B-PH-SM4-TB	22.0	27.95	27.9	1,000
13	B13B-PH-SM4-TB	S13B-PH-SM4-TB	24.0	29.95	29.9	1,000
14	B14B-PH-SM4-TB	S14B-PH-SM4-TB	26.0	31.95	31.9	1,000
15	B15B-PH-SM4-TB	S15B-PH-SM4-TB	28.0	33.95	33.9	1,000
16	B16B-PH-SM4-TB		30.0	35.95	-	1,000

Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: PA 6T, UL94V-0, natural (ivory) Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)(SN) on a label. Note: Top entry type headers with suction tape are also available.

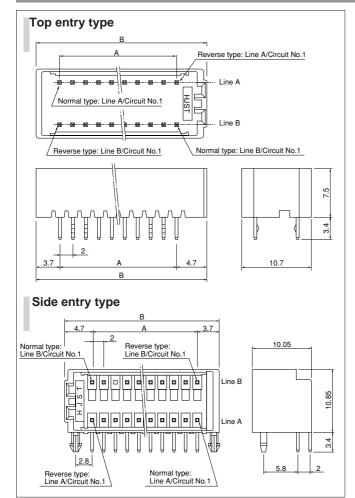
	Reverse typ	e Model No.	Dimensio	ons (mm)	Q'ty/
Circuits	Top entry type	Side entry type	А	В	reel
2	B2B-PH-SM4C-TB	S2B-PH-SM4C-TB	2.0	7.9	1,000
3	B3B-PH-SM4C-TB	S3B-PH-SM4C-TB	4.0	9.9	1,000
4	B4B-PH-SM4C-TB	S4B-PH-SM4C-TB	6.0	11.9	1,000
5	B5B-PH-SM4C-TB	S5B-PH-SM4C-TB	8.0	13.9	1,000
6	B6B-PH-SM4C-TB	S6B-PH-SM4C-TB	10.0	15.9	1,000
7	B7B-PH-SM4C-TB	S7B-PH-SM4C-TB	12.0	17.9	1,000
8	B8B-PH-SM4C-TB	S8B-PH-SM4C-TB	14.0	19.9	1,000
9	B9B-PH-SM4C-TB	S9B-PH-SM4C-TB	16.0	21.9	1,000
10	B10B-PH-SM4C-TB	S10B-PH-SM4C-TB	18.0	23.9	1,000
11	B11B-PH-SM4C-TB	S11B-PH-SM4C-TB	20.0	25.9	1,000
12	B12B-PH-SM4C-TB	S12B-PH-SM4C-TB	22.0	27.9	1,000
13	B13B-PH-SM4C-TB	S13B-PH-SM4C-TB	24.0	29.9	1,000
14	B14B-PH-SM4C-TB	S14B-PH-SM4C-TB	26.0	31.9	1,000
15	B15B-PH-SM4C-TB	S15B-PH-SM4C-TB	28.0	33.9	1,000
16	B16B-PH-SM4C-TB		30.0	35.9	1,000
		Material and F	inish		

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: PA 6T, UL94V-0, natural (ivory) Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

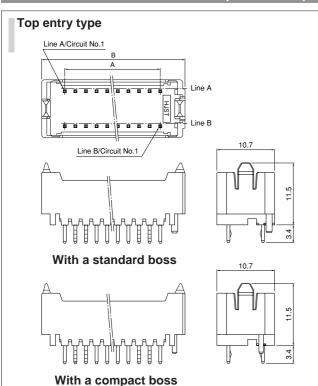
**RoHS compliance** This product displays (LF)(SN) on a label.

# KR FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR

### Double-row shrouded Header



### Double-row shrouded Header (with locks)



		Model No.				nsions	O'tu/hav	
Circuits	Norma	al type	Revers	se type	(mm)		Q'ty/box	
	Top entry type	Side entry type	Top entry type	Side entry type	Α	В	Top entry type	Side entry type
16	B16B-KRWHK	S16B-KRWHS	B16B-KRWHK-C	S16B-KRWHS-C	14.0	22.4	320	280
18	B18B-KRWHK	S18B-KRWHS	B18B-KRWHK-C	S18B-KRWHS-C	16.0	24.4	288	252
20	B20B-KRWHK	S20B-KRWHS	B20B-KRWHK-C	S20B-KRWHS-C	18.0	26.4	256	224
22	B22B-KRWHK	S22B-KRWHS	B22B-KRWHK-C	S22B-KRWHS-C	20.0	28.4	224	196
24	B24B-KRWHK	_	B24B-KRWHK-C	_	22.0	30.4	224	196
26	B26B-KRWHK	S26B-KRWHS	B26B-KRWHK-C	S26B-KRWHS-C	24.0	32.4	192	168
28	B28B-KRWHK	S28B-KRWHS	B28B-KRWHK-C	S28B-KRWHS-C	26.0	34.4	192	168
30	B30B-KRWHK	S30B-KRWHS	B30B-KRWHK-C	S30B-KRWHS-C	28.0	36.4	192	168
32	B32B-KRWHK	S32B-KRWHS	B32B-KRWHK-C	S32B-KRWHS-C	30.0	38.4	160	140
	1		Material a	nd Finish				

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: PA 66, UL94V-0, gray

**RoHS compliance** This product displays (LF)(SN) on a label.

Note:1.Top entry type headers with bosses or without clinched tails are also available.

2. The products listed above are supplied packed in tray.

<For reference> As the color identification,

the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

### ex. B10B-KRWHK-()

M...green H...gray N...brown

		Model No.		Dimensions (mm)		<b>a</b> 14 (
Circuits		Top entry type		Dimensio	ons (mm)	Q'ty/ box
	Without bosses	With a standard boss	With a compact boss	А	В	DOX
10	B10B-KRWHK-F1	B10B-KRWHK-F1-1	B10B-KRWHK-F1-1D	8.0	17.0	364
12	B12B-KRWHK-F1	B12B-KRWHK-F1-1	B12B-KRWHK-F1-1D	10.0	19.0	308
14	B14B-KRWHK-F1	B14B-KRWHK-F1-1	B14B-KRWHK-F1-1D	12.0	21.0	280
16	B16B-KRWHK-F1	B16B-KRWHK-F1-1	B16B-KRWHK-F1-1D	14.0	23.0	252
18	B18B-KRWHK-F1	B18B-KRWHK-F1-1	B18B-KRWHK-F1-1D	16.0	25.0	252
20	B20B-KRWHK-F1	B20B-KRWHK-F1-1	B20B-KRWHK-F1-1D	18.0	27.0	224
22	B22B-KRWHK-F1	B22B-KRWHK-F1-1	B22B-KRWHK-F1-1D	20.0	29.0	196
24	B24B-KRWHK-F1	B24B-KRWHK-F1-1	B24B-KRWHK-F1-1D	22.0	31.0	196
26	B26B-KRWHK-F1	B26B-KRWHK-F1-1	B26B-KRWHK-F1-1D	24.0	33.0	168
28	B28B-KRWHK-F1	B28B-KRWHK-F1-1	B28B-KRWHK-F1-1D	26.0	35.0	168
30	B30B-KRWHK-F1	B30B-KRWHK-F1-1	B30B-KRWHK-F1-1D	28.0	37.0	168
32	B32B-KRWHK-F1	B32B-KRWHK-F1-1	B32B-KRWHK-F1-1D	30.0	39.0	140

Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: PA 66, UL94V-0, gray

**RoHS compliance** This product displays (LF)(SN) on a label.

Note:1. The products listed above are supplied packed in tray. 2. Not UL/CSA/TÜV approved.

3. The applicable holder is "KRWH-( )( )-( )-1" only.

<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

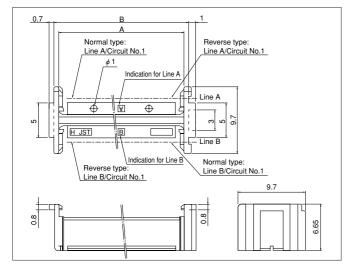
### ex. B10B-KRWHK-F1-( )

H...gray Y...yellow R...red N...brown M...green K...black



# KR FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR

### KRW connector Holder

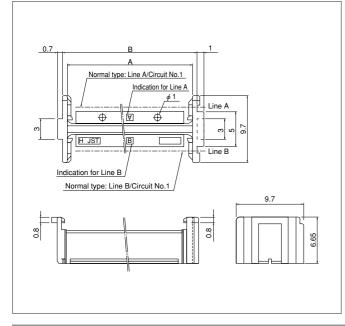


Circuito	Mode	el No.	Dimensions (imm)		
Circuits	Normal type	Reverse type	A	В	
10	KRWH-10-H	KRWH-10C-H	12.0	13.4	
12	KRWH-12-H	KRWH-12C-H	14.0	15.4	
14	KRWH-14-H	KRWH-14C-H	16.0	17.4	
16	KRWH-16-H	KRWH-16C-H	18.0	19.4	
18	KRWH-18-H	KRWH-18C-H	20.0	21.4	
20	KRWH-20-H	KRWH-20C-H	22.0	23.4	
22	KRWH-22-H	KRWH-22C-H	24.0	25.4	
24	KRWH-24-H	KRWH-24C-H	26.0	27.4	
26	KRWH-26-H	KRWH-26C-H	28.0	29.4	
28	KRWH-28-H	KRWH-28C-H	30.0	31.4	
30	KRWH-30-H	KRWH-30C-H	32.0	33.4	
32	KRWH-32-H	KRWH-32C-H	34.0	35.4	

PA 66, UL94V-0, gray

RoHS compliance

### KRW connector Holder (for header with locks)



O'man ita		Dimensi	ions (mm)	Q'ty/
Circuits	Model No.	A	В	box
10	KRWH-10-H-1	12.0	13.4	1,000
12	KRWH-12-H-1	14.0	15.4	1,000
14	KRWH-14-H-1	16.0	17.4	1,000
16	KRWH-16-H-1	18.0	19.4	1,000
18	KRWH-18-H-1	20.0	21.4	1,000
20	KRWH-20-H-1	22.0	23.4	1,000
22	KRWH-22-H-1	24.0	25.4	1,000
24	KRWH-24-H-1	26.0	27.4	1,000
26	KRWH-26-H-1	28.0	29.4	1,000
28	KRWH-28-H-1	30.0	31.4	1,000
30	KRWH-30-H-1	32.0	33.4	1,000
32	KRWH-32-H-1	34.0	35.4	1,000

PA 66, UL94V-0, gray

RoHS compliance

Note:1. Not UL/CSA/TÜV approved.

2. The applicable header is "B( )B-KRW( )K-F1-( )" only.

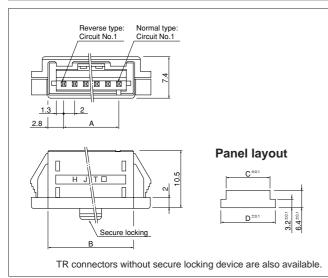
<For reference> As the color identification,

the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

#### ex. KRWH-10-H-1

H...gray Y...yellow R...red N...brown K...black S...natural

### TR connector (Unit for wire-to-wire connection)

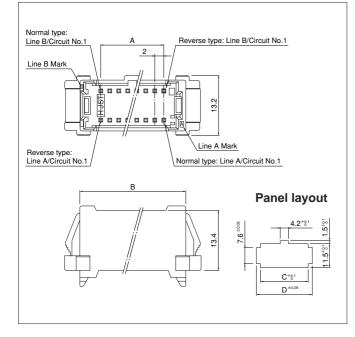


Circuits	Model No.		Dimensions (mm)				Q'ty
	Normal type	Reverse type	А	В	С	D	box
2	BU02P-TR-P-H	BU02P-TR-PC-H	2.0	7.6	7.9	11.6	500
3	BU03P-TR-P-H	BU03P-TR-PC-H	4.0	9.6	9.9	13.6	500
4	BU04P-TR-P-H	BU04P-TR-PC-H	6.0	11.6	11.9	15.6	500
5	BU05P-TR-P-H	BU05P-TR-PC-H	8.0	13.6	13.9	17.6	250
6	BU06P-TR-P-H	BU06P-TR-PC-H	10.0	15.6	15.9	19.6	250
7	BU07P-TR-P-H	BU07P-TR-PC-H	12.0	17.6	18.0	21.6	200
8	BU08P-TR-P-H	BU08P-TR-PC-H	14.0	19.6	20.0	23.6	250
9	BU09P-TR-P-H	BU09P-TR-PC-H	16.0	21.6	22.0	25.6	250
10	BU10P-TR-P-H	BU10P-TR-PC-H	18.0	23.6	24.0	27.6	200
11	BU11P-TR-P-H	BU11P-TR-PC-H	20.0	25.6	26.0	29.6	200
12	BU12P-TR-P-H	BU12P-TR-PC-H	22.0	27.6	28.0	31.6	200
13	BU13P-TR-P-H	BU13P-TR-PC-H	24.0	29.6	30.0	33.6	150
14	BU14P-TR-P-H	BU14P-TR-PC-H	26.0	31.6	32.0	35.6	150
15	BU15P-TR-P-H	BU15P-TR-PC-H	28.0	33.6	34.0	37.6	150
16	BU16P-TR-P-H	BU16P-TR-PC-H	30.0	35.6	36.0	39.6	150
		Material and F	inish				

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Housing: PA 66, UL94V-0, gray

**RoHS compliance** This product displays (LF)(SN) on a label.

### TRW connector (Unit for wire-to-wire connection)



Circuits	Model No.		Dimensions (mm)				Q'ty/
	Normal type	Reverse type	Α	В	С	D	box
16	BU16P-TRW-P-H	BU16P-TRW-PC-H	14.0	23.5	23.9	27.5	100
18	BU18P-TRW-P-H	BU18P-TRW-PC-H	16.0	25.5	25.9	29.5	100
20	BU20P-TRW-P-H	BU20P-TRW-PC-H	18.0	27.5	27.9	31.5	50
22	BU22P-TRW-P-H	BU22P-TRW-PC-H	20.0	29.5	29.9	33.5	50
24	BU24P-TRW-P-H	BU24P-TRW-PC-H	22.0	31.5	31.9	35.5	50
26	BU26P-TRW-P-H	BU26P-TRW-PC-H	24.0	33.5	33.9	37.5	50
28	BU28P-TRW-P-H	BU28P-TRW-PC-H	26.0	35.5	35.9	39.5	50
30	BU30P-TRW-P-H	BU30P-TRW-PC-H	28.0	37.5	37.9	41.5	50
32	BU32P-TRW-P-H	BU32P-TRW-PC-H	30.0	39.5	39.9	43.5	50

#### Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Housing: PA 66, UL94V-0, gray

**RoHS compliance** This product displays (LF)(SN) on a label.

<For reference> As the color identification, the following alphabet shall be put in the underlined part.

For availability, delivery and minimum order quantity, contact JST.

### ex. BU16P-TRW-P-H

H...gray Y...yellow R...red N...brown S...natural (white) M...green