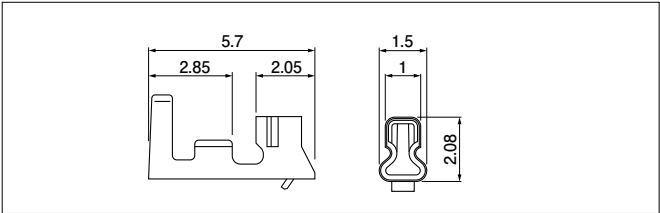


PH CONNECTOR

Contact



Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SPH-002T-P0.5S	AP-K2N	MKS-L	MK/SPH-002-05S	APLMK SPH002-05S
SPH-002T-P0.5L			MK/SPH-002-05L	APLMK SPH002-05L
SPH-004T-P0.5S		MKS-L-10	MK/SPH-002-05S	APLMK SPH004-05S

Note: Contact JST for fully automatic crimping applicator.

Model No.	Applicable wire			Q'ty/ reel
	mm ²	AWG #	Insulation O.D. (mm)	
SPH-002T-P0.5S	0.05 to 0.22	30 to 24	0.8 to 1.5	8,000
SPH-002T-P0.5L	0.08 to 0.22	28 to 24	0.8 to 1.5	
SPH-004T-P0.5S	0.032 to 0.08	32 to 28	0.5 to 0.9	10,000

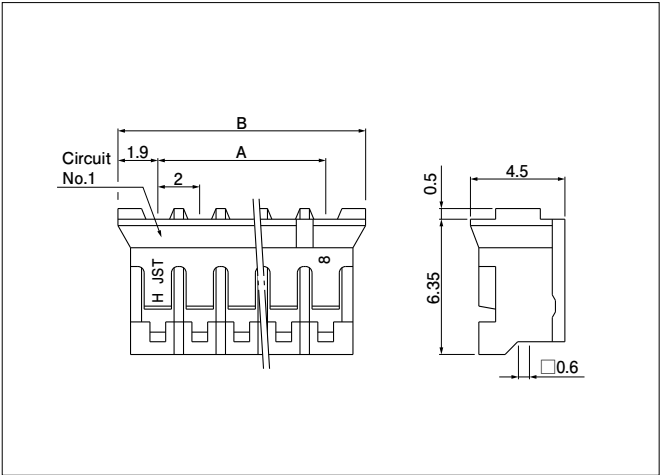
Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

- Note: 1. Contact JST for gold-plated products.
2. SPH-002T-P0.5L is low-insertion force type contact, for easier insertion/ withdrawal, which would be less resistant to the vibration. The crimp height is different from the standard.
3. Contact JST for details.

Housing



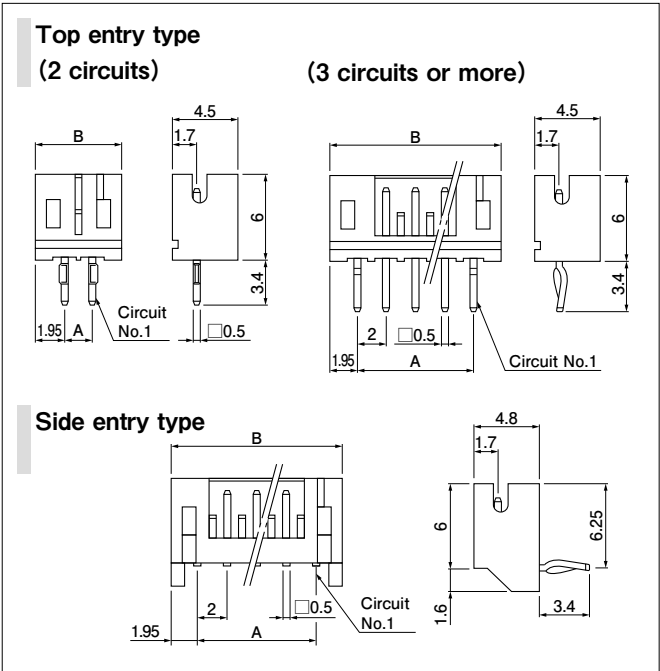
No. of circuits	Model No.	Dimensions (mm)		Q'ty/ box
		A	B	
2	PHR-2	2.0	5.8	1,000
3	PHR-3	4.0	7.8	1,000
4	PHR-4	6.0	9.8	1,000
5	PHR-5	8.0	11.8	1,000
6	PHR-6	10.0	13.8	1,000
7	PHR-7	12.0	15.8	1,000
8	PHR-8	14.0	17.8	1,000
9	PHR-9	16.0	19.8	1,000
10	PHR-10	18.0	21.8	1,000
11	PHR-11	20.0	23.8	1,000
12	PHR-12	22.0	25.8	1,000
13	PHR-13	24.0	27.8	1,000
14	PHR-14	26.0	29.8	1,000
15	PHR-15	28.0	31.8	1,000
16	PHR-16	30.0	33.8	1,000

Material and Finish

PA 66, UL94V-0, natural (white)

RoHS2 compliance

Header



No. of circuits	Model No.		Dimensions (mm)		Q'ty/box	
	Top entry type	Side entry type	A	B	Top entry type	Side entry type
2	B2B-PH-K-S	S2B-PH-K-S	2.0	5.9	1,000	1,000
3	B3B-PH-K-S	S3B-PH-K-S	4.0	7.9	1,000	1,000
4	B4B-PH-K-S	S4B-PH-K-S	6.0	9.9	1,000	500
5	B5B-PH-K-S	S5B-PH-K-S	8.0	11.9	1,000	500
6	B6B-PH-K-S	S6B-PH-K-S	10.0	13.9	1,000	500
7	B7B-PH-K-S	S7B-PH-K-S	12.0	15.9	500	500
8	B8B-PH-K-S	S8B-PH-K-S	14.0	17.9	500	250
9	B9B-PH-K-S	S9B-PH-K-S	16.0	19.9	500	250
10	B10B-PH-K-S	S10B-PH-K-S	18.0	21.9	500	250
11	B11B-PH-K-S	S11B-PH-K-S	20.0	23.9	500	250
12	B12B-PH-K-S	S12B-PH-K-S	22.0	25.9	400	250
13	B13B-PH-K-S	S13B-PH-K-S	24.0	27.9	250	250
14	B14B-PH-K-S	S14B-PH-K-S	26.0	29.9	250	250
15	B15B-PH-K-S	S15B-PH-K-S	28.0	31.9	250	200
16	B16B-PH-K-S	S16B-PH-K-S	30.0	33.9	250	200

Material and Finish

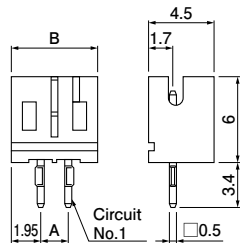
Post: Brass, copper-undercoated, tin-plated (reflow treatment)
Wafer: PA 66, UL94V-0, natural (white)

RoHS2 compliance This product displays (LF)(SN) on a label.

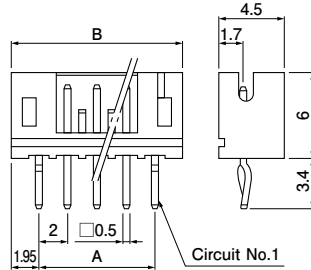
Header (Low insertion force type)

Top entry type

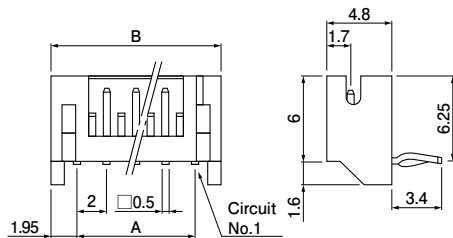
(2 circuits)



(3 circuits or more)



Side entry type



No. of circuits	Model No.		Dimensions (mm)		Q'ty/box	
	Top entry type	Side entry type	A	B	Top entry type	Side entry type
2	B2B-PH-KL	S2B-PH-KL	2.0	5.9	1,000	1,000
3	B3B-PH-KL	S3B-PH-KL	4.0	7.9	1,000	1,000
4	B4B-PH-KL	S4B-PH-KL	6.0	9.9	1,000	500
5	B5B-PH-KL	S5B-PH-KL	8.0	11.9	1,000	500
6	B6B-PH-KL	S6B-PH-KL	10.0	13.9	1,000	500
7	B7B-PH-KL	S7B-PH-KL	12.0	15.9	500	500
8	B8B-PH-KL	S8B-PH-KL	14.0	17.9	500	250
9	B9B-PH-KL	S9B-PH-KL	16.0	19.9	500	250
10	B10B-PH-KL	S10B-PH-KL	18.0	21.9	500	250
11	B11B-PH-KL	S11B-PH-KL	20.0	23.9	500	250
12	B12B-PH-KL	S12B-PH-KL	22.0	25.9	400	250
13	B13B-PH-KL	S13B-PH-KL	24.0	27.9	250	250
14	B14B-PH-KL	S14B-PH-KL	26.0	29.9	250	200
15	B15B-PH-KL	S15B-PH-KL	28.0	31.9	250	200
16	B16B-PH-KL	S16B-PH-KL	30.0	33.9	250	200

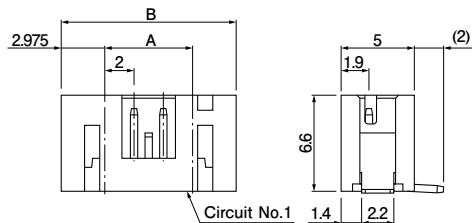
Material and Finish

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

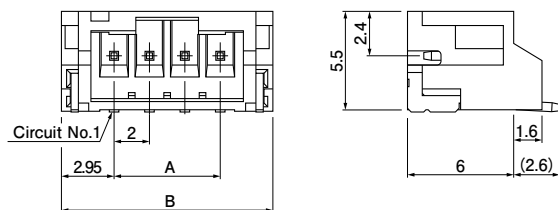
RoHS2 compliance This product displays (LF)(SN) on a label.

Header (SMT type)

Top entry type



Side entry type



No. of circuits	Model No.		Dimensions (mm)			Q'ty/ reel
	Top entry type	Side entry type	A	B		
				Top entry type	Side entry type	
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, UL94V-0, natural (ivory)
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS2 compliance This product displays (LF)(SN) on a label.
Note: Contact JST for the top entry type headers with suction cap.

PH CONNECTOR

Model number allocation

Contact

S PH - 002 T - P 0.5 S

Form: S Strip form

Series name

Applicable wire range:

Normal type 002 AWG #30 to #24

004 AWG #32 to #28

Low insertion force type 002 AWG #28 to #24

Surface finish: T Tin-plated (reflow treatment)

Material: P Phosphor bronze

Terminal size

Type name: S Normal type, L Low insertion force type

Header

B 2 B - PH - K - S

Shape of assembled product:

B Top entry type

S Side entry type

No. of circuits: Top and side entry types 2 to 16

Part name: Header

Series name

Indication of clinch: K Clinched

Color: S Natural (White), K Black, R Red, TR Tomato red, E Blue, Y Yellow, L Lemon yellow, M Green, O Orange, N Brown, P Purple, PK Pink, H Gray, LE Light blue, FY Fluorescent yellow, None Ivory

Header (SMT type)

B 2 B - PH - SM4 - TB

Shape of assembled product:

B Top entry type

S Side entry type

No. of circuits:

Top entry type 2 to 16

Side entry type 2 to 15

Part name: Header

Series name

SMT specification: SM4 With solder tab

Color: None Natural (Ivory), R Red, E Blue, M Green, L Lemon yellow, K Black, DPK Dark pink

Packaging style: TB Embossed-taping

Suction tape: None Without suction tape, T With suction tape

Note: Depending on the colors, it may take some time for delivery.

Housing

PH R - 2 -

Series name

Part name: Receptacle

No. of circuits: 2 to 16

Color: None Natural (White), BK Black, R Red, TR Tomato red, BL Blue, Y Yellow, L Lemon yellow, M Green, D Orange, N Brown, P Purple, PK Pink, H Gray, LE Light blue, FY Fluorescent yellow, DPK Dark pink

Header (Low insertion force type)

B 2 B - PH - K L -

Shape of assembled product:

B Top entry type, S Side entry type

No. of circuits: Top and side entry types 2 to 16

Part name: Header

Series name

Indication of clinch: K Clinched

Type name: L Low insertion force type

Color: None Gray, R Red, E Blue, S Natural (White)