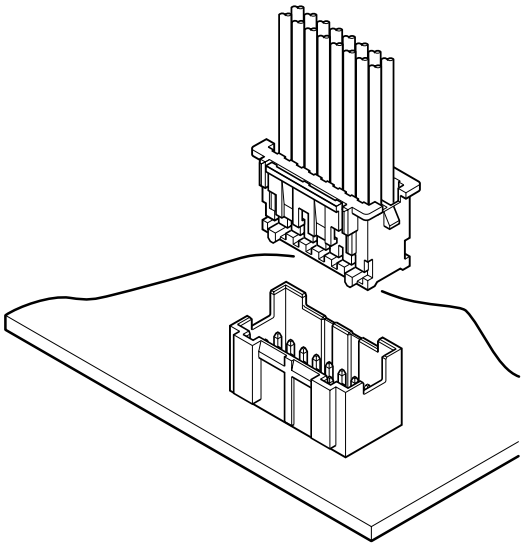


PAD CONNECTOR

2.0mm pitch/Disconnectable Crimp style connectors



Dual-row construction allows high density mounting.

- ***Secure locking device***
- ***Reliable contacts***
- ***Insertion guide mechanism***
- ***Polarizing boss***

Specifications

- Current rating: 3 A AC, DC (AWG #22)
- Voltage rating: 250 V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 10 mΩ max.
  After environmental tests/ 20 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 800 VAC/minute
- Applicable wire: AWG #28 to #22
- Applicable PC board thickness: 1.6 mm

* 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

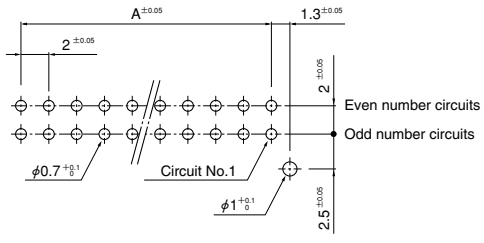
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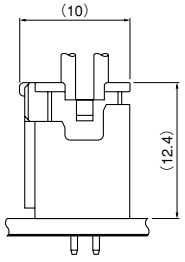
Certified LR20812

R50053749

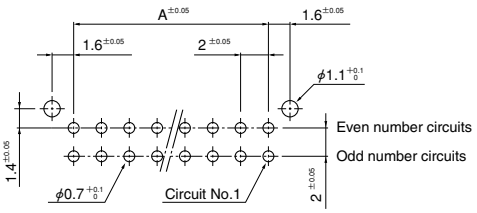
PC board layout and Assembly layout

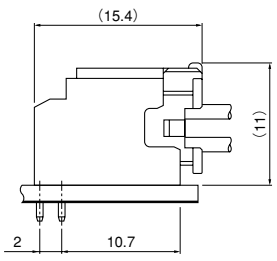
Top entry type





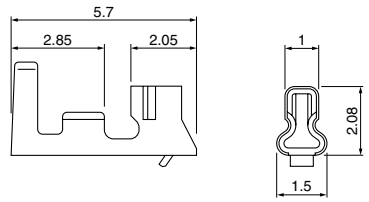
Side entry type





Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method. If PC boards made of hard material are used, the hole dimensions should be larger. The dimensions above should serve as a guideline. Contact JST for details.

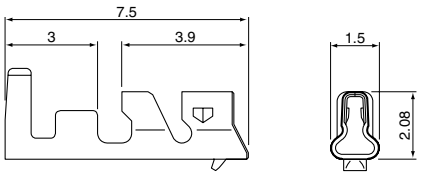
Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/ reel
	mm²	AWG#		
SPH-001T-P0.5L	0.13～0.33	26～22	1.0～1.5	8,000
SPH-002T-P0.5L	0.08～0.22	28～24	0.8～1.5	

Material and Finish
Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/ reel
	mm²	AWG#		
SPND-001T-C0.5	0.13～0.33	26～22	1.0～1.5	8,000
SPND-002T-C0.5	0.08～0.22	28～24	0.8～1.5	

Material and Finish
Copper alloy, tin-plated (reflow treatment)

RoHS compliance

Note: SPND-( )T-C0.5 is low insertion/withdrawal force type contact, in order to improve the work of insertion/withdrawal.

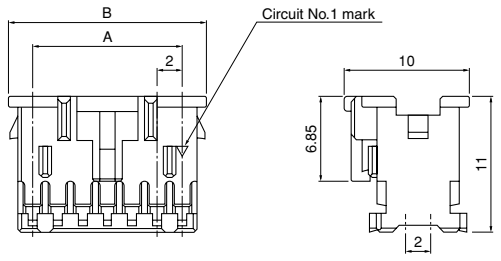
Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SPH-001T-P0.5L	AP-K2N	MKS-L	MK/SPH-001-05L	APLMK SPH001-05L
		—	—	—
SPH-002T-P0.5L		MKS-L	MK/SPH-002-05L	APLMK SPH002-05L
		*MKS-SC	SC/SPH-002-05L	APLSC SPH002-05L

*Note: *Strip-crimp applicator*

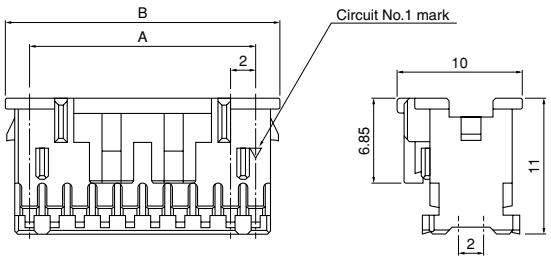
Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SPND-001T-C0.5	AP-K2N	MKS-L	MK/SPND-001-05	APLMK SPND001-05
		—	—	—
SPND-002T-C0.5		MKS-L	MK/SPAD/ND-002-05	APLMK SPAD/ND002-05
		—	—	—

Housing

<14 circuits or less>



<16 circuits or more>



Circuits	Model No.	Dimensions (mm)		Q'ty/ bag
		A	B	
10	**PADP-10V-1-S**	8.0	12.0	1,000
12	**PADP-12V-1-S**	10.0	14.0	1,000
14	**PADP-14V-1-S**	12.0	16.0	1,000
16	**PADP-16V-1-S**	14.0	18.0	1,000
20	**PADP-20V-1-S**	18.0	22.0	1,000
22	**PADP-22V-1-S**	20.0	24.0	1,000
24	**PADP-24V-1-S**	22.0	26.0	1,000
*40	**PADP-40V-1-S**	38.0	42.0	500

Material
PA 66, UL94V-0, natural (white)

RoHS compliance

*Note: *Marked product is not TÜV approved.*

<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. **PADP-16V-1-S**

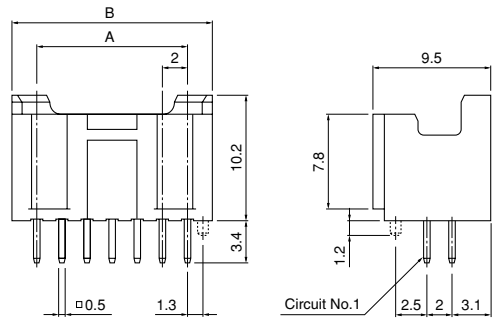
S…natural (white)
K…black R…red Y…yellow E…blue M…green P…purple L…lemon yellow

PAD CONNECTOR

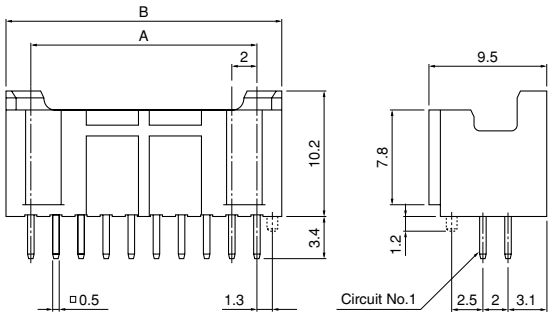
Shrouded header

Top entry type

<14 circuits or less>

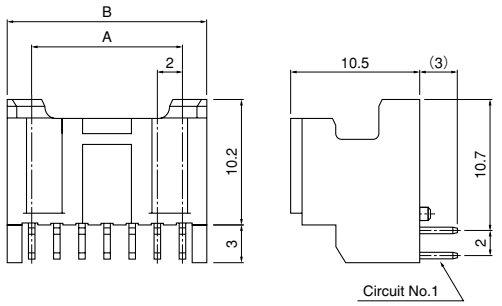


<16 circuits or more>

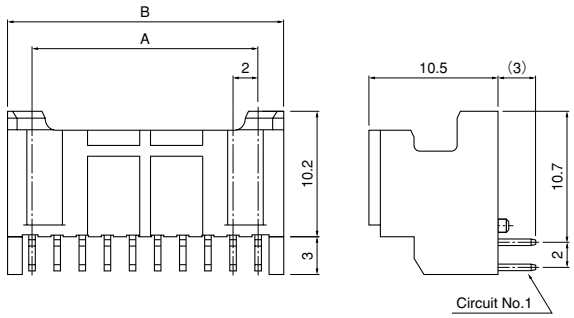


Side entry type

<14 circuits or less>



<16 circuits or more>



Circuits	Model No.			Dimensions (mm)		Q'ty/box	
	Top entry type		Side entry type				
	With a boss	Without a boss		A	B	Top entry type	Side entry type
10	**B10B-PADSS-1F**	**B10B-PADSS-F**	**S10B-PADSS-1**	8.0	12.0	400	504
12	**B12B-PADSS-1F**	**B12B-PADSS-F**	**S12B-PADSS-1**	10.0	14.0	300	420
14	**B14B-PADSS-1F**	**B14B-PADSS-F**	**S14B-PADSS-1**	12.0	16.0	300	364
16	**B16B-PADSS-1F**	**B16B-PADSS-F**	**S16B-PADSS-1**	14.0	18.0	200	336
20	**B20B-PADSS-1F**	**B20B-PADSS-F**	**S20B-PADSS-1**	18.0	22.0	150	280
22	**B22B-PADSS-1F**	**B22B-PADSS-F**	—	20.0	24.0	150	–
24	**B24B-PADSS-1F**	**B24B-PADSS-F**	**S24B-PADSS-1**	22.0	26.0	150	224
*40	**B40B-PADSS-1F**	—	—	38.0	42.0	100	–

Material and Finish
Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Wafer: Glass-filled PBT, UL94V-0, (natural) [side entry type]
Glass-filled PA 66, UL94V-0, (natural) [top entry type]

RoHS compliance *This product displays (LF)(SN) on a label.*
*Note: *Marked product is not TÜV approved.*

<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. **B16B-PADSS(-1F)**
S…natural (white)
K…black R…red Y…yellow E…blue M…green P…purple
L…lemon yellow

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JST:

HLP-03V SMP-10V-NC WC-491 XADRP-18V 04JQ-BT PSIP-10V-LE RF-H102TD-1130 XARP-05V SRC-51T-M4 BM02B-NSHSS-TBT BM02B-NSHSS-TBT (LF)(SN) SFKR-02V-S SJWPST-21T-M1.0N SMR-02V-B BM24B-ZPDSS-TF (LF)(SN) PAP-16V-S PUDP-34V-S SM08B-NSHSS-TB(LF)(SN) SM09B-ZESS-TB (LF)(SN) VLS-03V XMR-02V S02B-XASS-1 04P-SJN SJ2M-01GF-M1.0N CZHR-14V-S S7B-PH-K-S(LF)(SN) 8P-SAN ELR-04V SMR-10V-N XMS-03V