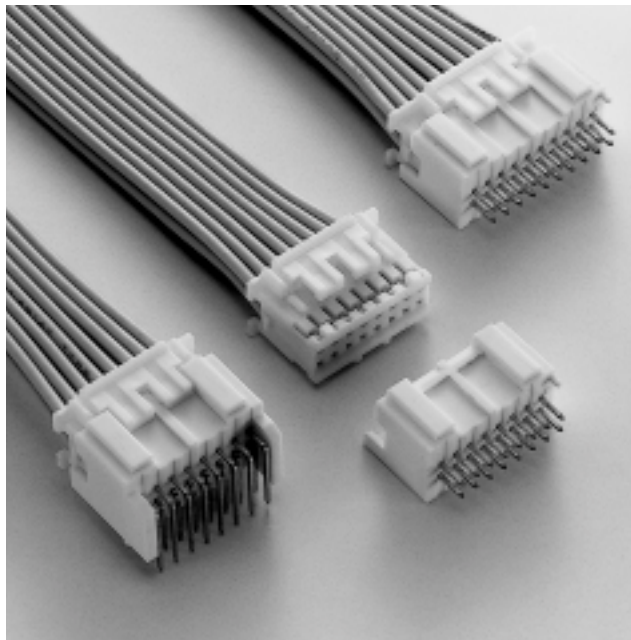


JST

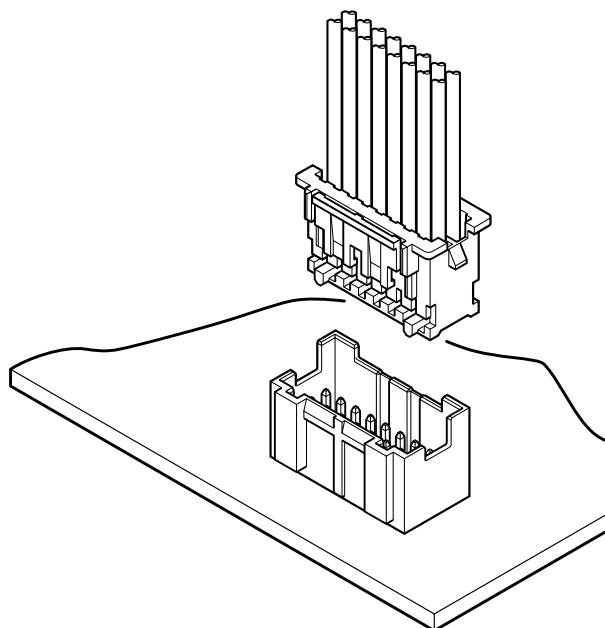
Crimp

2.0mm
(.079") pitch

PAD CONNECTOR

Disconnectable Crimp style connectors

Dual-row construction allows high density mounting.



Features

• **Locking device**

The housing has a locking device to securely hold the header, preventing accidental disconnection because of external forces that might result from the routing of wires during assembly process or of vibration.

• **Reliable contacts**

The contact has long dimples near the center that ensure continuity of low voltage and low current circuits at all times, even under conditions of vibration and abusive prying.

• **Insertion guide mechanism**

Header has housing insertion guides for easy and secure insertion.

• **Polarizing boss**

Top entry type headers with polarizing bosses are also available.

Specifications

- Current rating: 3A AC, DC (AWG#22)
 - Voltage rating: 250V AC, DC
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/10m max.
After environmental testing/20m max.
 - Insulation resistance: 1,000M min.
 - Withstanding voltage: 800V AC/minute
 - Applicable wire: AWG #28 to #22
 - Applicable PC board thickness: 1.6mm(.063")
- * Contact JST for details.

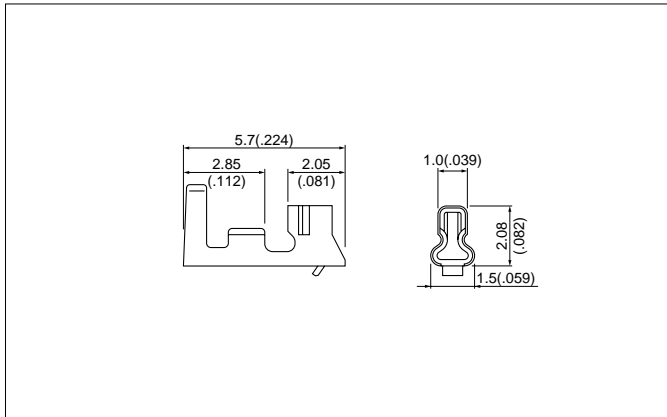
Standards

 Recognized E60389

 Certified LR20812

PAD CONNECTOR

Contact

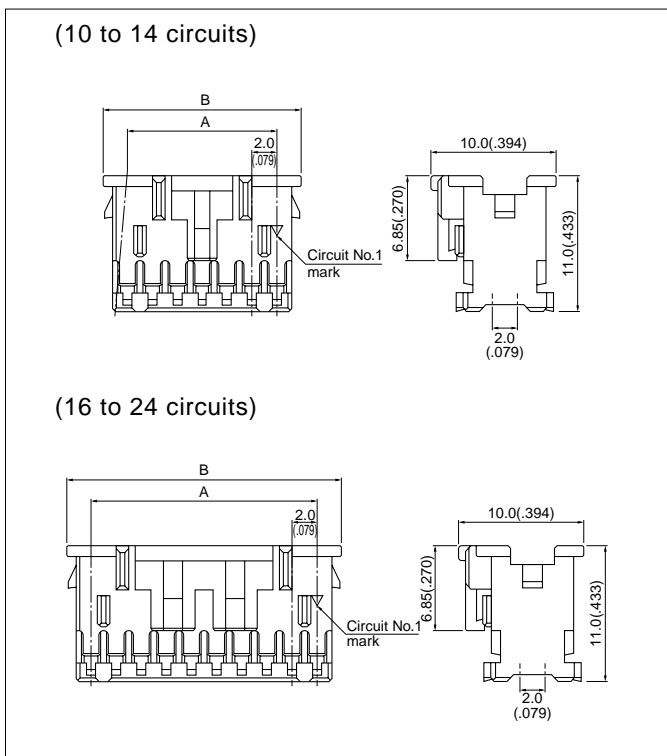


Model No.	Applicable wire			Q'ty / reel
	mm ²	AWG #	Insulation O.D. mm(in.)	
SPH-001T-P0.5L	0.13 to 0.33	26 to 22	1.0 to 1.5(.039 to .059)	8,000
SPH-002T-P0.5L	0.08 to 0.22	28 to 24	0.8 to 1.5(.031 to .059)	

Material and Finish

Phosphor bronze, tin-plated

Housing



Circuit	Model No.	Dimensions mm(in.)		Q'ty / bag
		A	B	
10	PADP-10V-1-S	8.0(.315)	12.0(.472)	1,000
12	PADP-12V-1-S	10.0(.394)	14.0(.551)	1,000
14	PADP-14V-1-S	12.0(.472)	16.0(.630)	1,000
16	PADP-16V-1-S	14.0(.551)	18.0(.709)	250
20	PADP-20V-1-S	18.0(.709)	22.0(.866)	200
22	PADP-22V-1-S	20.0(.787)	24.0(.945)	1,000
24	PADP-24V-1-S	22.0(.866)	26.0(1.024)	1,000

Material

Nylon 66, UL94V-0, natural (white)

<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**

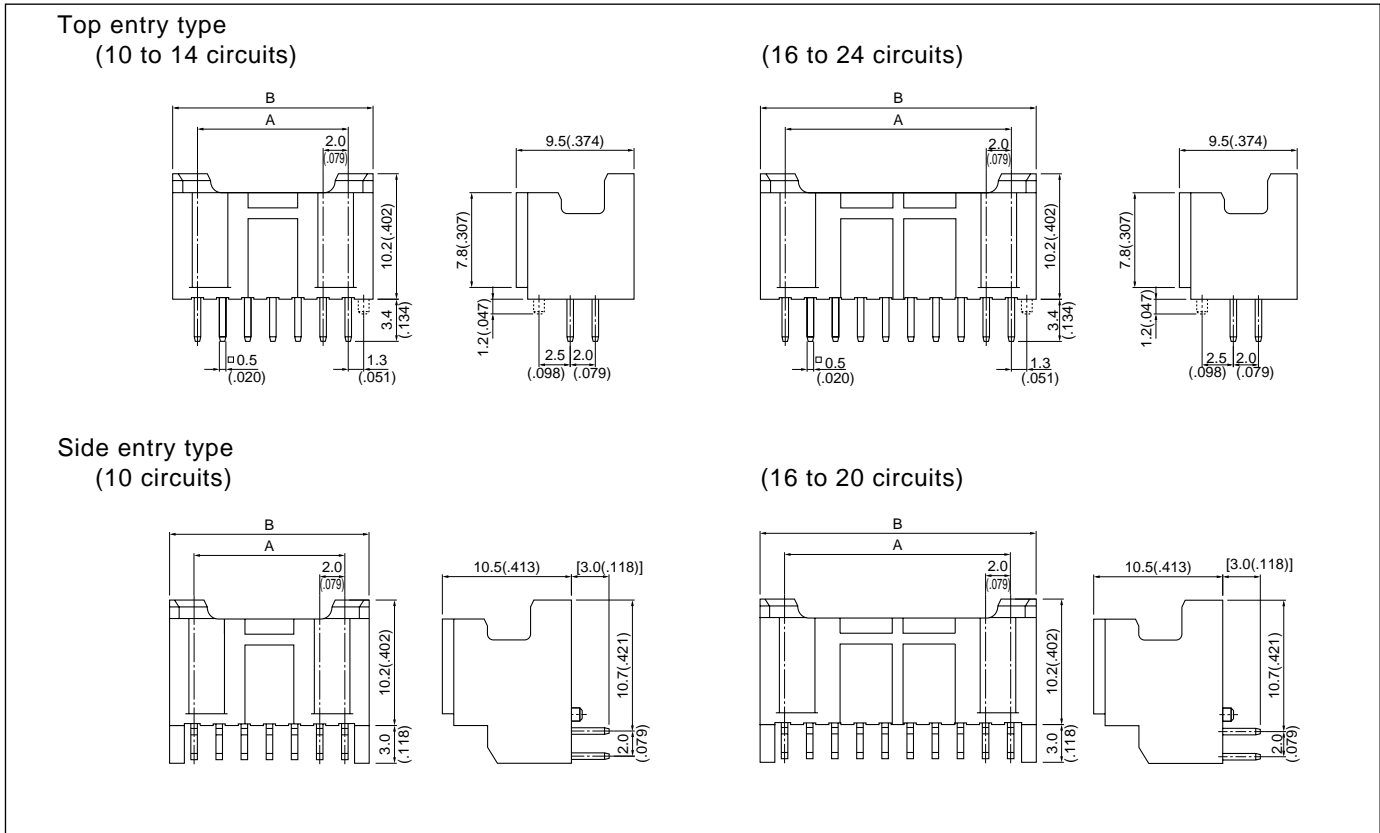
S...natural (white)

K...black R...red Y...yellow E...blue M...green P...purple

L...lemon yellow

PAD CONNECTOR

Shrouded header



Circuit	Model No.			Dimensions mm(in.)		Qty / box	
	Top entry type		Side entry type	A	B	Top entry type	Side entry type
	With a boss	Without a boss					
10	B10B-PADSS-1	B10B-PADSS	S10B-PADSS-1	8.0(.315)	12.0(.472)	400	504
12	B12B-PADSS-1	B12B-PADSS	-	10.0(.394)	14.0(.551)	300	-
14	B14B-PADSS-1	B14B-PADSS	-	12.0(.472)	16.0(.630)	300	-
16	B16B-PADSS-1	B16B-PADSS	S16B-PADSS-1	14.0(.551)	18.0(.709)	200	336
20	B20B-PADSS-1	B20B-PADSS	S20B-PADSS-1	18.0(.709)	22.0(.866)	150	280
22	B22B-PADSS-1	B22B-PADSS	-	20.0(.787)	24.0(.945)	150	-
24	B24B-PADSS-1	B24B-PADSS	-	22.0(.866)	26.0(1.024)	150	-

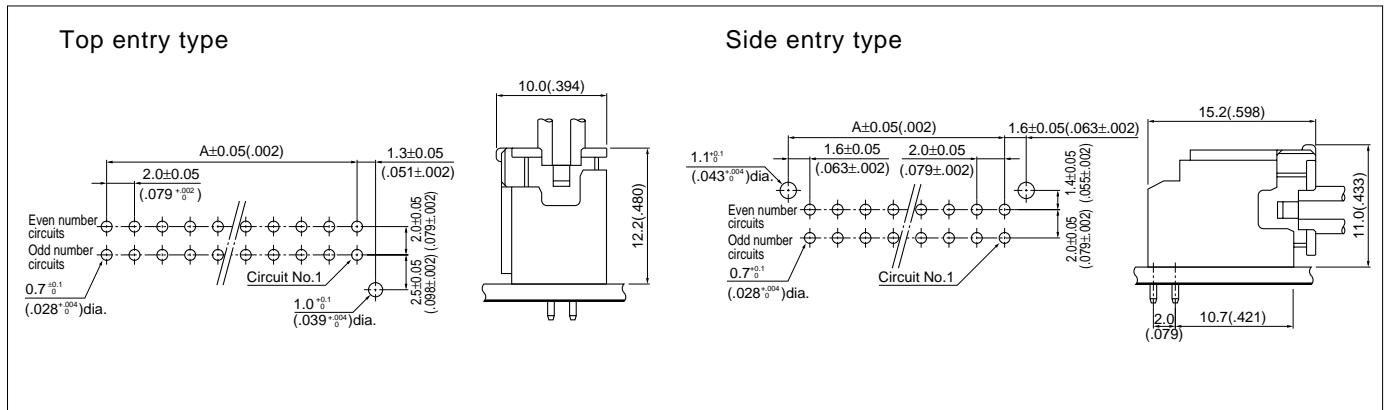
Material and Finish

Post: Copper alloy, copper-undercoated, tin/lead-plated
 Wafer: Glass-filled PBT, UL94V-0, natural (white)

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

PC board layout (viewed from component side) and Assembly layout



Note:

1. Tolerances are non-cumulative: ± 0.05 mm ($\pm .002$ ") for all centers.
2. Hole dimensions differ according to the kind of PC board and piercing method. If printed circuit boards made of hard material such as FR-4 are used, the hole dimensions should be larger. The dimensions above should serve as a guideline. Contact JST for details.

Applicator for the semi-automatic press AP-K2N

Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC with safety cover
	with safety cover	without safety cover	with safety cover	without safety cover	
SPH-001T-P0.5L	APLMK SPH001-05L	APLNC SPH001-05L	APLMKLS SPH001-05L	APLLSNC SPH001-05L	-
SPH-002T-P0.5L	APLMK SPH002-05L	APLNC SPH002-05L	APLMKLS SPH002-05L	APLLSNC SPH002-05L	-