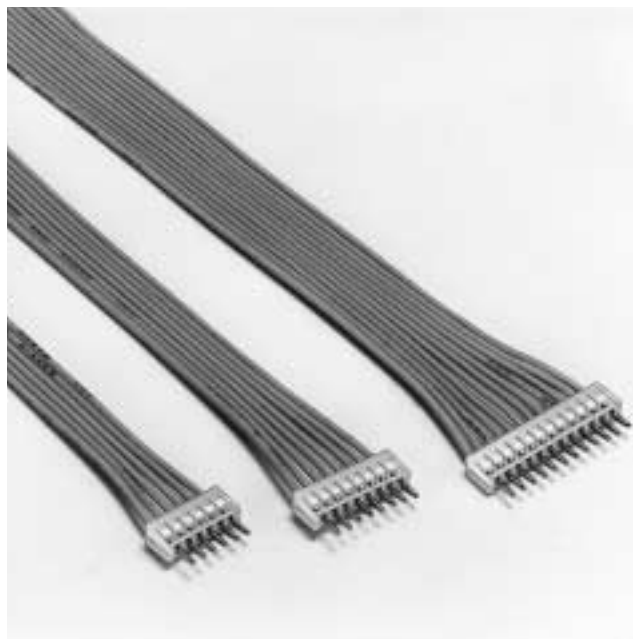
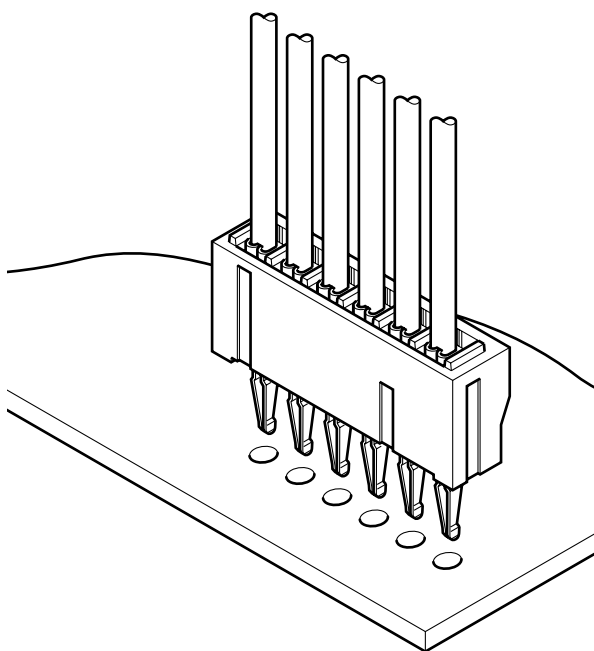


SZN CONNECTOR

Board-in crimp style connectors



This low-profile, board-in connector, with a mounting height of only 4.25mm (.167") and a thickness of 2.4mm (.094"), is soldered directly onto printed circuit boards. The solder tail of the contact is resilient for easy assembly. The housing lances facilitate insertion of contacts.



Features

• Slim, low-profile design

The SZN connector features a mounting height of just 4.25mm (.167") and a thickness of 2.4mm (.094").

• Housing lances

The lances on the resilient housing ensure easy insertion and secure locking of the contact into the housing.

• Easy mounting onto printed circuit boards

The solder tail of the contact is resilient so as to ensure easy assembly and provide a secure lock of the connector in the printed circuit board prior to soldering.

• Rugged contact construction

The spring members of the resilient solder tail are joined together at the tip to prevent opening or deformation and to ensure easy handling.

Specifications

- Current rating: 0.7A AC,DC (AWG #28)
 - Voltage rating: 50V AC, DC
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Insulation resistance: 500M min.
 - Withstanding voltage: 500V AC/minute
 - Applicable wire: AWG #30 to #26
 - Applicable PC board thickness: 0.6 to 1.2mm (.024" to .047")
- * Contact JST for details.

Standards

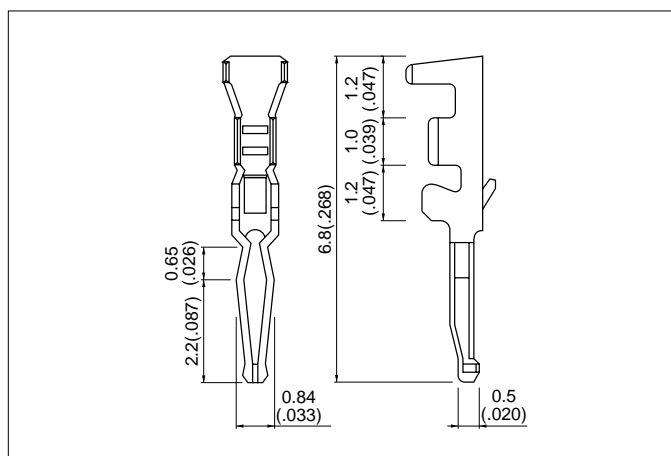


Recognized E60389



Certified LR20812

Contact

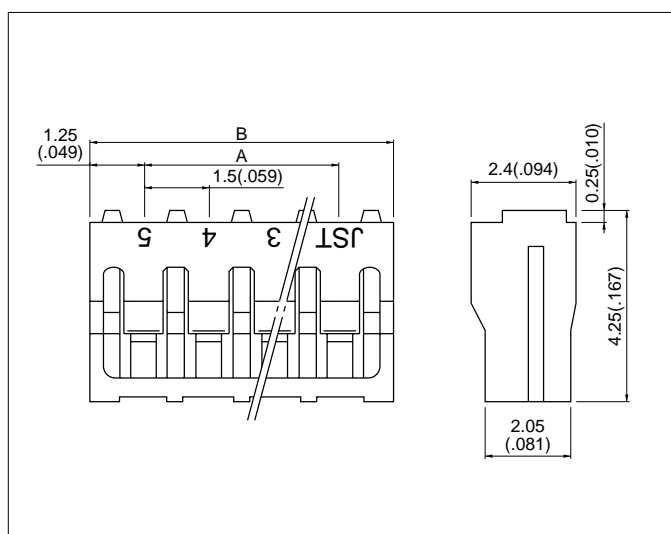


Model No.	Applicable wire			Q'ty/reel
	mm ²	AWG #	Insulation O.D. mm(in.)	
SZN-002T-P0.7K	0.08 to 0.13	28 to 26	0.8 to 1.1(.031 to 0.43)	14,000
SZN-003T-P0.7K	0.05 to 0.08	30 to 28	0.7 to 0.9(.028 to 0.35)	15,000

Material and Finish

Phosphor bronze, tin-plated

Housing

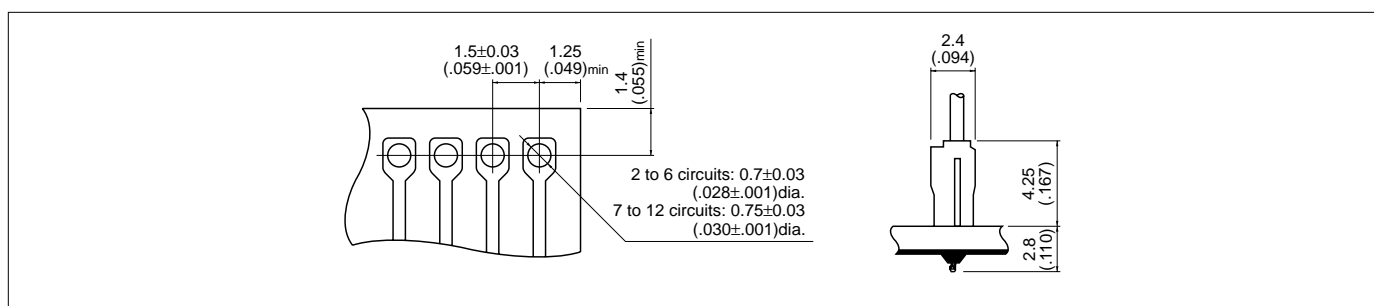


Circuits	Model No.	Dimensions mm.(in)		Q'ty /bag
		A	B	
2	2P-SZN	1.5(.059)	4.0(.157)	1,000
3	3P-SZN	3.0(.118)	5.5(.217)	1,000
4	4P-SZN	4.5(.177)	7.0(.276)	1,000
5	5P-SZN	6.0(.236)	8.5(.335)	1,000
6	6P-SZN	7.5(.295)	10.0(.394)	1,000
7	7P-SZN	9.0(.354)	11.5(.435)	1,000
8	8P-SZN	10.5(.413)	13.0(.512)	1,000
9	9P-SZN	12.0(.472)	14.5(.571)	1,000
10	10P-SZN	13.5(.531)	16.0(.630)	1,000
11	11P-SZN	15.0(.591)	17.5(.689)	1,000
12	12P-SZN	16.5(.650)	19.0(.748)	1,000
13	13P-SZN	18.0(.709)	20.5(.807)	1,000

Material

Nylon 66, UL94V-0, natural (white)

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



Note:

1. Tolerances are non-cumulative: $\pm 0.05\text{mm}$ ($\pm 0.002"$) for all centers.
2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

SZN CONNECTOR

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	without safety cover	with safety cover	without safety cover	with safety cover
SZN-002T-P0.7K	APLMK SZN002-07	APLNC SZN002-07	—	—	APLSC SZN002-07
SZN-003T-P0.7K	APLMK SZN003-07	APLNC SZN003-07	—	—	APLSC SZN003-07