



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



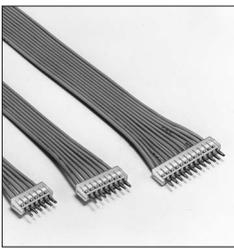
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

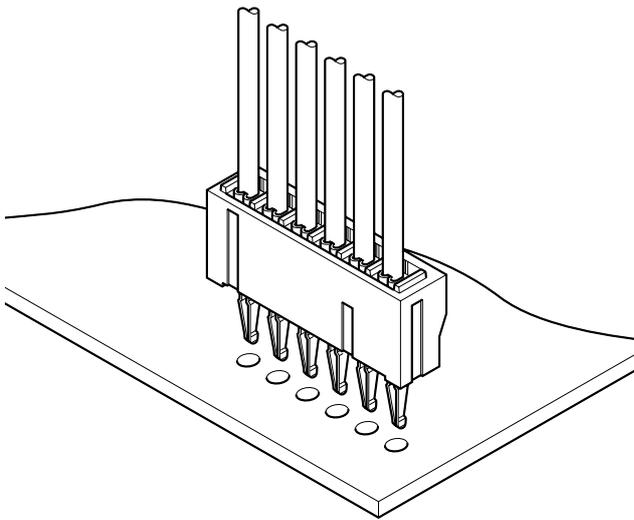
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# SZN CONNECTOR

1.5mm pitch/Board-in crimp style connectors



**This low-profile, board-in connector, with a mounting height of only 4.25mm and a thickness of 2.4mm, 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.**

- Slim, low-profile design
- Housing lances
- Easy mounting onto printed circuit boards
- Rugged contact construction

## Specifications

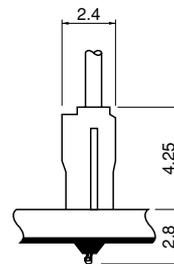
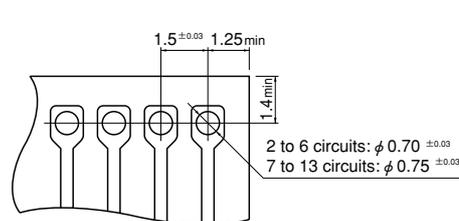
- Current rating: 0.7A AC, DC (AWG #26)
- Voltage rating: 50V AC, DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Insulation resistance: 500M  $\Omega$  min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: AWG #30 to #26
- Applicable PC board thickness: 0.6 to 1.2mm
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

## Standards

Recognized E60389

Certified LR20812

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

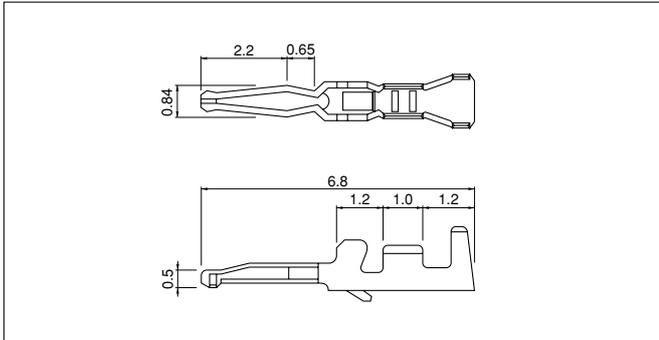


Note: 1. Tolerances are non-cumulative:  $\pm 0.03$ mm for all centers.

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

## Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm <sup>2</sup>	AWG#		
<b>SZN-002T-P0.7K</b>	0.08~0.13	28~26	0.8~1.1	14,000
<b>SZN-003T-P0.7K</b>	0.05~0.08	30~28	0.7~0.9	15,000

### Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

### RoHS compliance

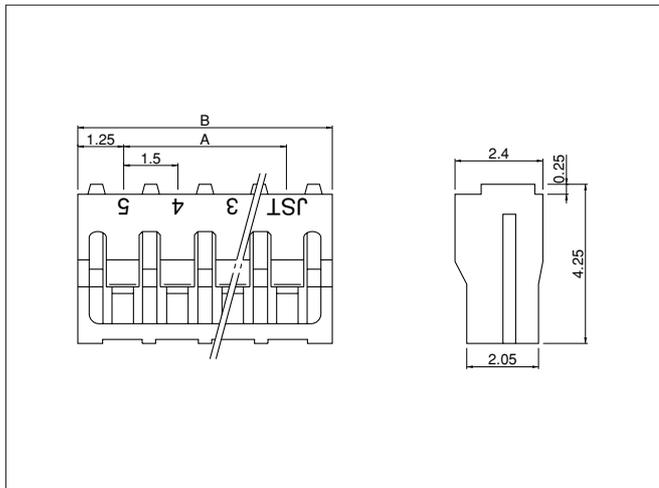
Note: Contact JST for brass products.

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
<b>SZN-002T-P0.7K</b>	AP-K2N	MKS-L	MK/SZN-002-07	APLMK SZN002-07

Note: \*Strip-crimp applicator

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
<b>SZN-003T-P0.7K</b>	AP-K2N	MKS-L	MK/SZN-003-07	APLMK SZN003-07
		*MKS-SC	SC/SZN-003-07	APLSC SZN003-07

## Housing



Circuits	Model No.	Dimensions (mm)		Q'ty/bag
		A	B	
2	<b>2P-SZN</b>	1.5	4.0	1,000
3	<b>3P-SZN</b>	3.0	5.5	1,000
4	<b>4P-SZN</b>	4.5	7.0	1,000
5	<b>5P-SZN</b>	6.0	8.5	1,000
6	<b>6P-SZN</b>	7.5	10.0	1,000
7	<b>7P-SZN</b>	9.0	11.5	1,000
8	<b>8P-SZN</b>	10.5	13.0	1,000
9	<b>9P-SZN</b>	12.0	14.5	1,000
10	<b>10P-SZN</b>	13.5	16.0	1,000
11	<b>11P-SZN</b>	15.0	17.5	1,000
12	<b>12P-SZN</b>	16.5	19.0	1,000
13	<b>13P-SZN</b>	18.0	20.5	1,000

### Material

PA 66, UL94V-0, natural (white)

### RoHS compliance