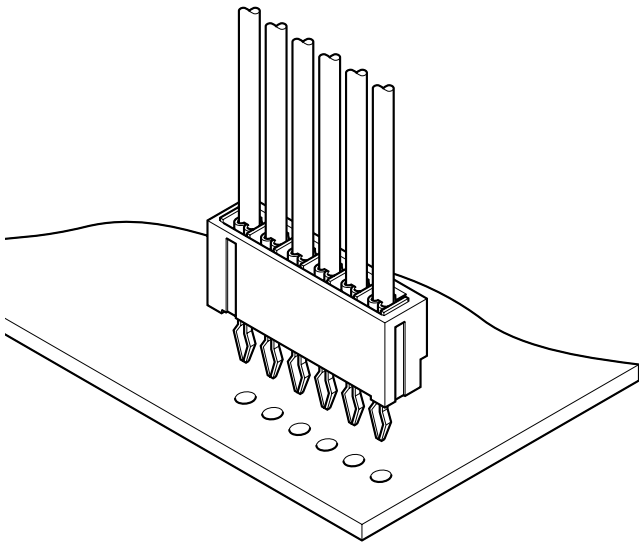


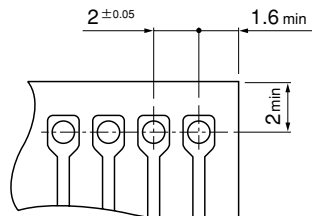
# SAN CONNECTOR

**2.0mm pitch/Board-in Crimp style connectors**



**Measuring 2.0mm in pitch, 6.0mm in mounting height, and 3.25mm in thickness, this board-in connector meets the needs for high-density mounting on printed circuit boards efficiently and economically. The connector is ideal for VCRs, car stereo systems, audio products and many other consumer oriented electronic products.**

- Compact
- Housing lances
- Easy mounting onto printed circuit boards
- Two types of contacts



Note: 1. The above figure is the figure viewed from soldering side.

2. Tolerances are non-cumulative:  $\pm 0.05$  mm for all centers.

\*Type A  $0.8^{+0.1}_{-0.05}$  dia.

\*Type B 2 to 7 circuits:  $0.75 \pm 0.05$  dia.

8 to 15 circuits:  $0.85 \pm 0.05$  dia.

3. 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.

## Specifications

- Current rating: 2A AC, DC (AWG #24)
- Voltage rating: 250V AC, DC
- Temperature range:  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$   
(including temperature rise in applying electrical current)
- Insulation resistance: 1,000M  $\Omega$  min.
- Withstanding voltage: 800V AC/minute
- Applicable wire: AWG #30 to #24
- Applicable PC board thickness:
  - Type A contact: 1.2mm, 1.6mm
  - Type B contact: 1.6mm

\* Compliant with RoHS.

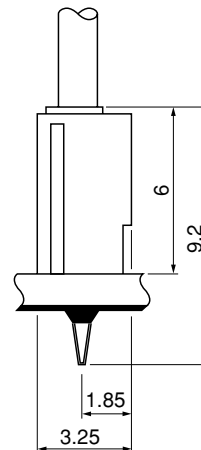
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

\* Contact JST for details.

## Standards

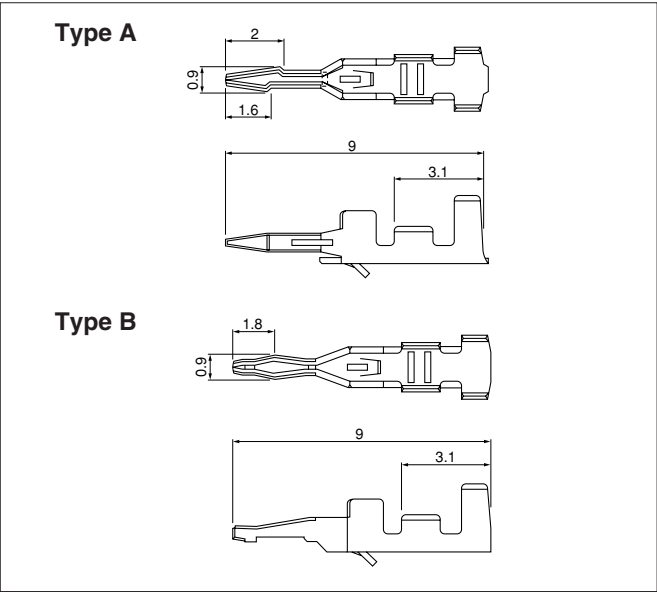
Recognized E60389

Certified LR20812



# SAN CONNECTOR

## Contact



Model No.	Type	Applicable wire		Insulation O.D.(mm)	Q'ty/ reel
		mm²	AWG #		
SAN-002T-0.8A	A	0.05~0.22	30~24	0.9~1.3	14,000
SAN-002T-0.8K	B				

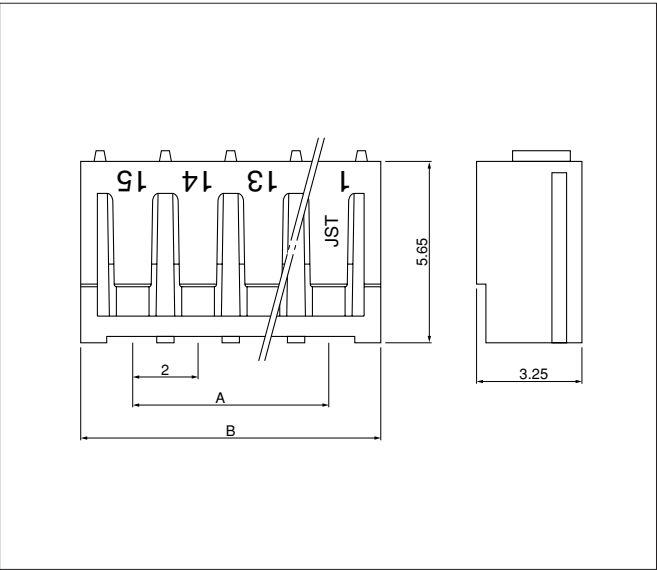
Material and Finish
Brass, tin-plated (reflow treatment)

**RoHS compliance**  
Note: Contact JST if you require shielded wires, thin wires or other special wires.

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SAN-002T-0.8A	AP-K2N	MKS-L	MK/SAN-002-08	APLMK SAN002-08
SAN-002T-0.8K		*MKS-SC	SC/SAN-002-08	APLSC SAN002-08

Note: \*Strip-crimp applicator

## Housing



Circuits	Model No.	Dimensions (mm)		Q'ty / bag
		A	B	
2	2P-SAN	2.0	5.2	1,000
3	3P-SAN	4.0	7.2	1,000
4	4P-SAN	6.0	9.2	1,000
5	5P-SAN	8.0	11.2	1,000
6	6P-SAN	10.0	13.2	1,000
7	7P-SAN	12.0	15.2	1,000
8	8P-SAN	14.0	17.2	1,000
9	9P-SAN	16.0	19.2	1,000
10	10P-SAN	18.0	21.2	1,000
11	11P-SAN	20.0	23.2	1,000
12	12P-SAN	22.0	25.2	1,000
13	13P-SAN	24.0	27.2	1,000
14	14P-SAN	26.0	29.2	1,000
15	15P-SAN	28.0	31.2	1,000

Material
PA 66, UL94V-0, yellow

**RoHS compliance**  
<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. 2P-SAN-a  
(blank)...yellow K...black W...white R...red