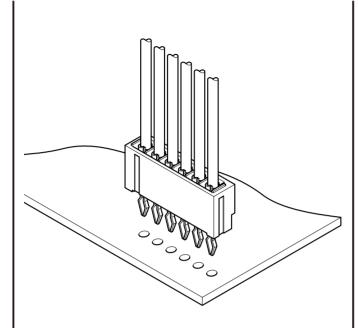


# SAN CONNECTOR

# 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

### Specifications -

Current rating: 2A AC, DC (AWG #24)
Voltage rating: 250V AC, DC
Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current) :  $1,000M \Omega \text{ min.}$ 

• 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

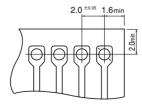
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

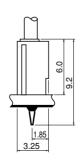
#### Standards -

Recognized E60389

⊕ Certified LR20812

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





Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.

\*Type A 0.8 +0.1 dia.

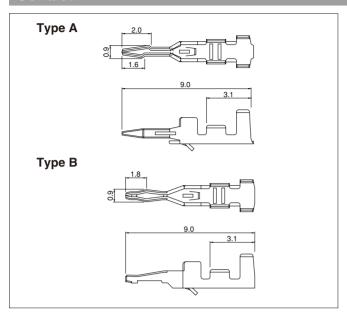
\*Type B 2 to 7 circuits: 0.75 ±0.05 dia.

8 to 15 circuits: 0.85 ±0.05 dia.

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.

# **SAN CONNECTOR**

#### Contact



Model No.	Туре	Applicable wire		Insulation O.D.(mm)	O'tu/rool
		mm²	AWG #	insulation O.D.(iiiii)	Q ty/ Teer
SAN-002T-0.8A	Α	0.05~0.22	30~24	0.9~1.3	14,000
SAN-002T-0.8K	В				

#### Material and Finish

Brass, tin-plated (reflow treatment)

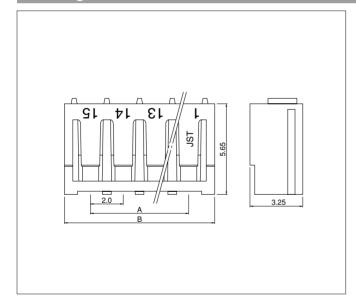
#### RoHS compliance

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

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

Note: \*Strip-crimp applicator

## Housing



Circuits	Model No.	Dimensi	Q'ty /	
Circuits	Model No.	Α	В	bag
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-o

(blank)...yellow K...black W...white R...red