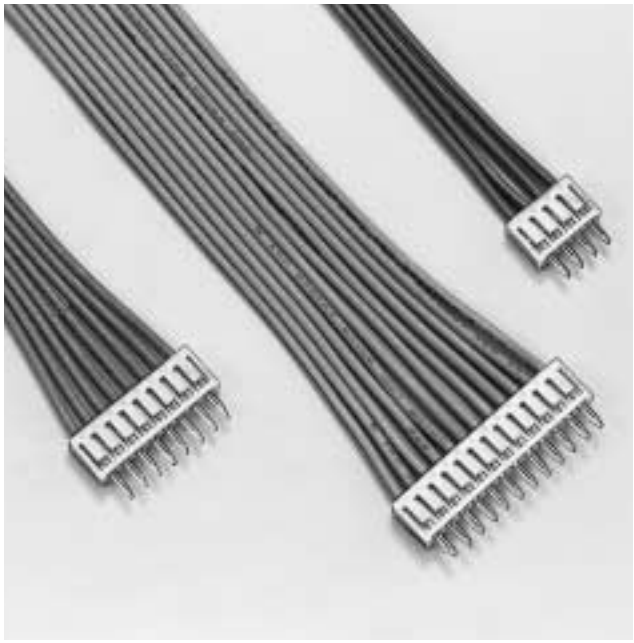
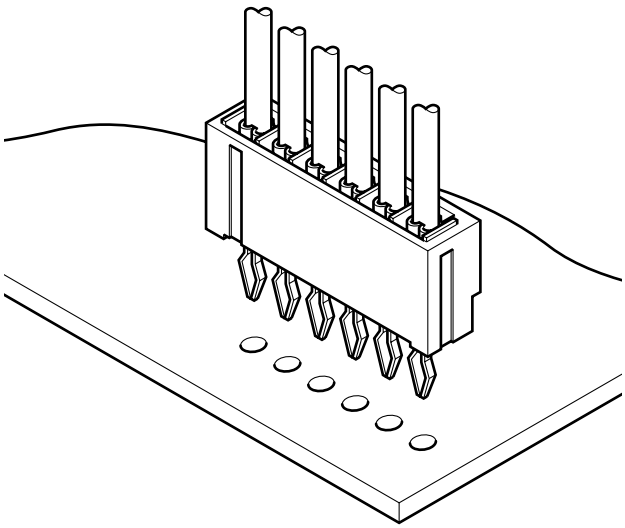
JST
Crimp
2.0mm
(.079") pitch

SAN CONNECTOR

Board-in Crimp style connectors



Measuring 2.0mm (.079") in pitch, 6.0mm (.236") in mounting height, and 3.25mm (.128") 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.



Features

• Compact

This connector measures 2.0mm (.079") in pitch, 6.0mm (.236") in mounting height, and 3.25mm (.128") in thickness.
Its compact size allows high-density mounting on printed circuit boards.

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

• Two types of contacts

Two types of contacts are available according to application.

Type A
The solder tail of this contact is split in two for greater elasticity. This promotes easy insertion and secure mounting on printed circuit boards. This contact can be used for two different thickness of printed circuit boards. [1.6mm (.063") and 1.2mm (.047") thick].

Type B
The solder tail of this contact is joined at the tip. This extra support prevents breakage and ensures easy handling.

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)
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 800V AC/minute
- Applicable wire: AWG #30 to #24
- Applicable PC board thickness:
  Type A contact: 1.2(.047")
  1.6(.063")
  Type B contact: 1.6(.063")

* Contact JST for details.

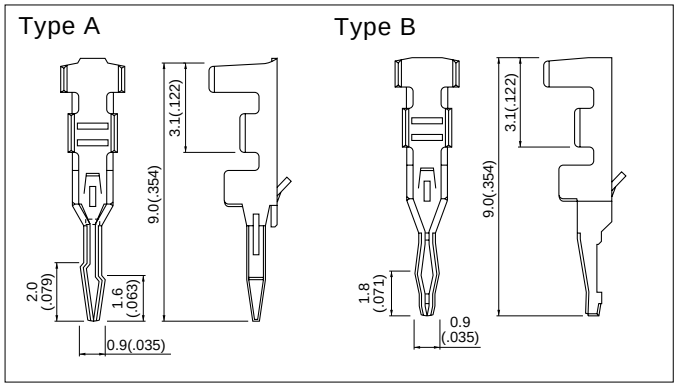
Standards

Recognized E60389

Certified LR20812

R9251673

Contact

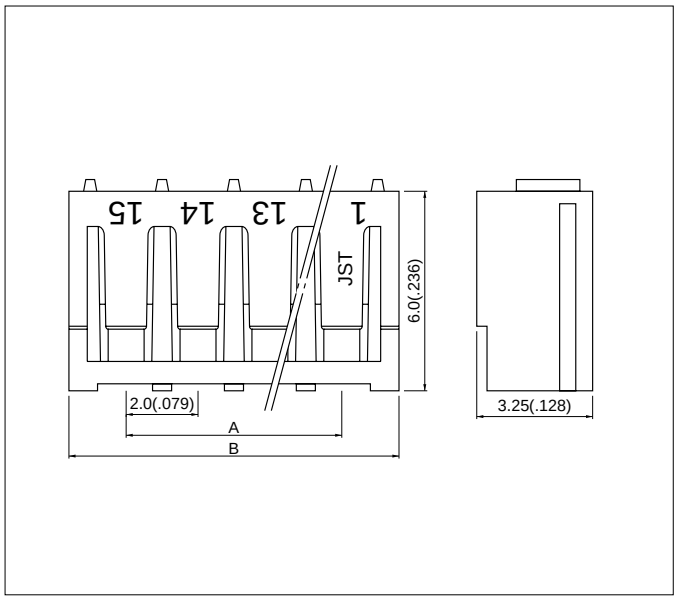


Model No.	Type	Applicable wire			Q'ty/ reel
		mm²	AWG #	Insulation O.D.mm(in.)	
SAN-002T-0.8A	A	0.05 to 0.22	30 to 24	0.9 to 1.3(.035 to .051)	14,000
SAN-002T-0.8K	B				

Material and Finish
Brass, tin-plated

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

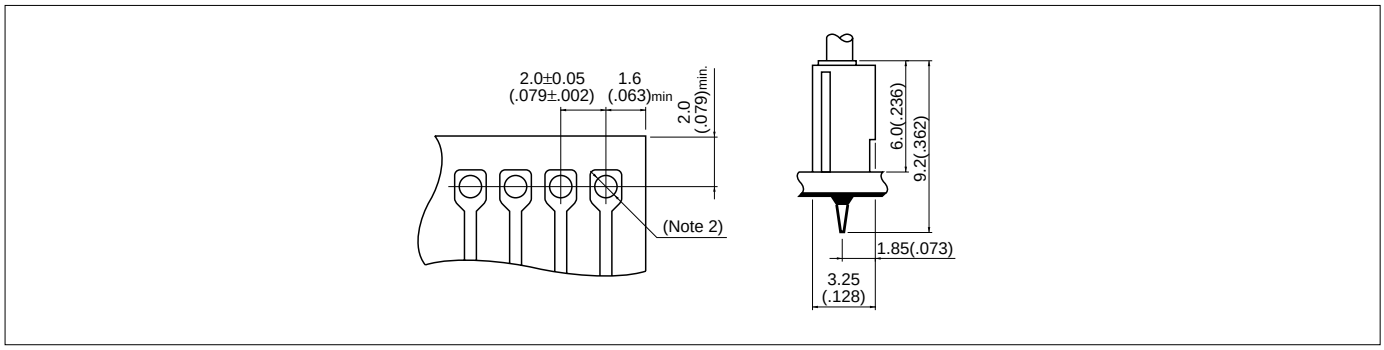
Housing



Cir-cuits	Model No.	Dimensions mm(in.)		Q'ty / bag
		A	B	
2	**2P-SAN**	2.0(.079)	5.2(.205)	1,000
3	**3P-SAN**	4.0(.157)	7.2(.283)	1,000
4	**4P-SAN**	6.0(.236)	9.2(.362)	1,000
5	**5P-SAN**	8.0(.315)	11.2(.441)	1,000
6	**6P-SAN**	10.0(.394)	13.2(.520)	1,000
7	**7P-SAN**	12.0(.472)	15.2(.598)	1,000
8	**8P-SAN**	14.0(.551)	17.2(.677)	1,000
9	**9P-SAN**	16.0(.630)	19.2(.765)	1,000
10	**10P-SAN**	18.0(.709)	21.2(.835)	1,000
11	**11P-SAN**	20.0(.787)	23.2(.913)	1,000
12	**12P-SAN**	22.0(.866)	25.2(.992)	1,000
13	**13P-SAN**	24.0(.945)	27.2(1.071)	1,000
14	**14P-SAN**	26.0(1.024)	29.2(1.150)	1,000
15	**15P-SAN**	28.0(1.102)	31.2(1.228)	1,000

Material
Nylon 66, UL94V-0, yellow

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



Note:
1. Tolerances are non-cumulative: ±0.05mm (±.002") for all centers.
**Type A 0.8 $^{+0.1}_{-0.05}$ (.031 $^{+.004}_{-.002}$)dia.*
**Type B 2 to 7 circuits: 0.75 ±0.05 (.030±.002)dia.*
8 to 15 circuits: 0.8 ±0.05 (.031±.002)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.

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
SAN-002T-0.8A	APLMK SAN002-08	APLNC SAN002-08	APLMKLS SAN002-08	APLLSNC SAN002-08	APLSC SAN002-08
SAN-002T-0.8K	APLMK SAN002-08	APLNC SAN002-08	APLMKLS SAN002-08	APLLSNC SAN002-08	APLSC SAN002-08