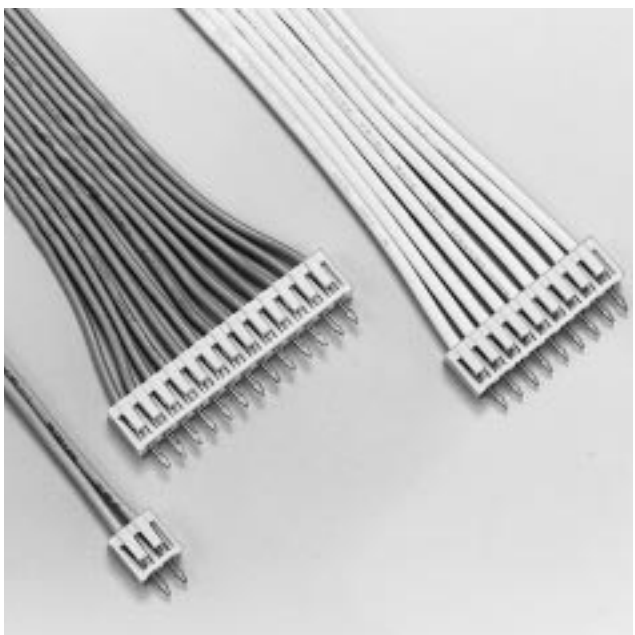
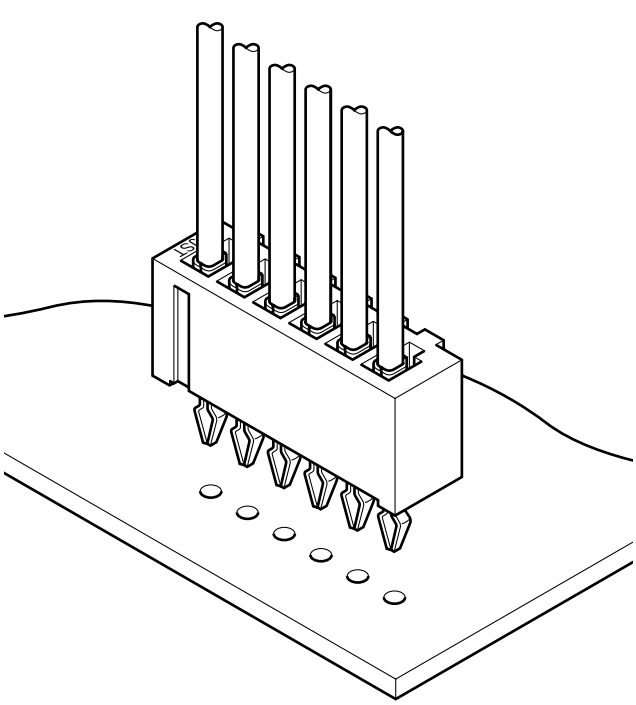
JST
Crimp
2.5mm
(.098") pitch

SCN CONNECTOR

Board-in Crimp style connectors



This 2.5mm (.098") pitch multi-circuit board-in connector meets the needs for high-density mounting on printed circuit boards. efficiently and economically
The connector can be used for VCRs, car stereo systems, audio products, and many other consumer-oriented electronic products.



Features

• Housing lances

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

• Secure mounting on printed circuit boards

The solder tail of the contact has a compliant retention feature, making insertion into printed circuit boards easy, and ensuring secure mounting.

• Two types of contacts

Two types of contacts are available according to the application.

Type A

The compliant solder tail of this contact is split in two for greater deflection. This promotes easy insertion and secure mounting on printed circuit boards.

Type B

The two halves of the compliant solder tail are joined at the tip. This additional support provides a sturdy pin that resists deformation during shipping and handling.

Specifications

- Current rating: 3.0A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Insulation resistance: 1,000MΩ min.
- Withstanding voltage: 800V AC/minute
- Applicable wire: AWG #28 to #22
- Applicable PC board thickness: 1.2, 1.6mm(.047", .063")

* Contact JST for details.

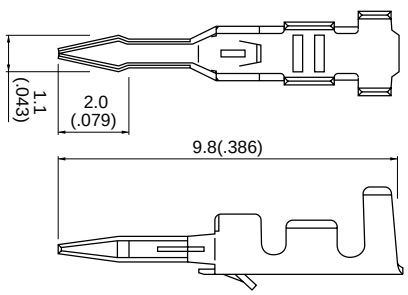
Standards

Recognized file No. E60389

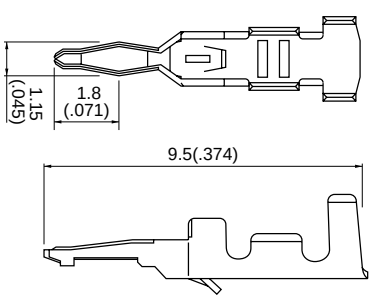
Certified file No. LR20812

Contact

Type A



Type B

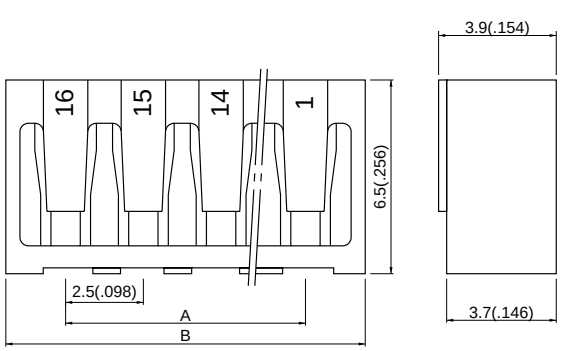


Model No.	Type	Applicable wire			Material	Q´ty/reel
		mm²	AWG #	Insulation O.D.mm(in.)		
SCN-001T-P1.0	A	0.08 to 0.33	28 to 22	0.9 to 1.7(.035 to .067)	Phosphor bronze	11,000
SCN-001T-1.0K	B				Brass	11,000

Finish
Tin-plated

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

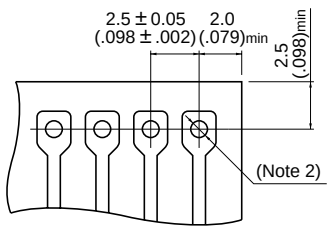
Housing



Cir-cuits	Model No.	Dimensions mm(in.)		Q´ty/ bag
		A	B	
2	**2P-SCN**	2.5(.098)	6.5(.256)	1,000
3	**3P-SCN**	5.0(.197)	9.0(.354)	1,000
4	**4P-SCN**	7.5(.295)	11.5(.453)	1,000
5	**5P-SCN**	10.0(.394)	14.0(.551)	1,000
6	**6P-SCN**	12.5(.492)	16.5(.650)	1,000
7	**7P-SCN**	15.0(.591)	19.0(.748)	1,000
8	**8P-SCN**	17.5(.689)	21.5(.846)	1,000
9	**9P-SCN**	20.0(.787)	24.0(.945)	1,000
10	**10P-SCN**	22.5(.886)	26.5(1.043)	1,000
11	**11P-SCN**	25.0(.984)	29.0(1.142)	1,000
12	**12P-SCN**	27.5(1.093)	31.5(1.240)	1,000
13	**13P-SCN**	30.0(1.181)	34.0(1.339)	1,000
14	**14P-SCN**	32.5(1.280)	36.5(1.437)	1,000
15	**15P-SCN**	35.0(1.378)	39.0(1.535)	1,000
16	**16P-SCN**	37.5(1.476)	41.5(1.634)	1,000

Material
Nylon 66, UL94V-0, ivory

PC board layout (viewed from soldering side)



Note:

1. Applicable PC board thickness: Type A 1.6mm(.063")
Type B 1.6mm(.063") and 1.2mm(.047").

2. Tolerances are non-cumulative:±0.05mm(±.002")
Type A: 1.0±0.05mm(.039+.022") dia.
Type B: 2 to 6 circuits/1.0±0.05mm (.039±.002") dia.
7 circuits and more/Hole dimensions differ from the above values. Contact JST for details.

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.

Assembly layout