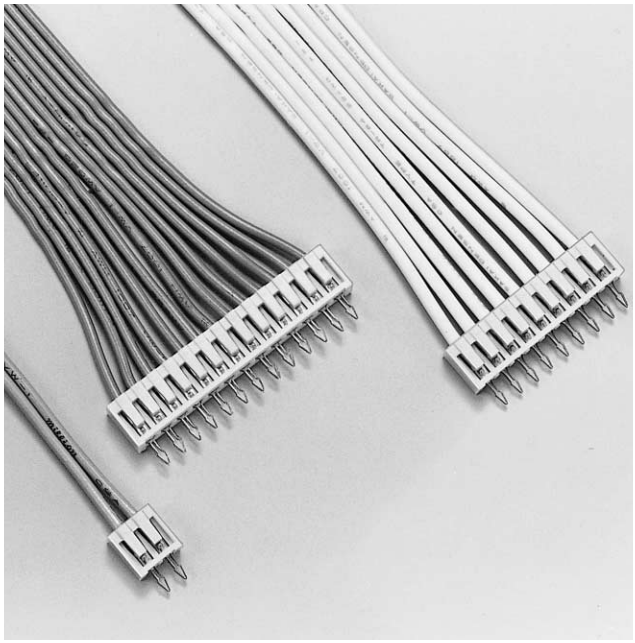
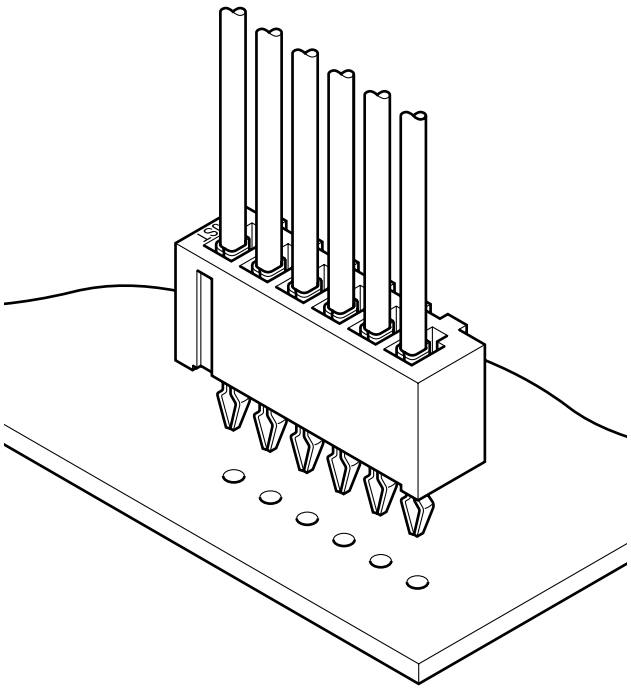
JST
Crimp
2.5mm
(.098") pitch

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: 3A AC, DC (AWG #22)
- 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 #28 to #22
- Applicable PC board thickness: 1.2, 1.6mm(.047", .063")

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

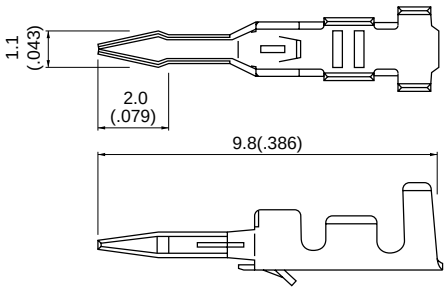
Standards

Recognized E60389

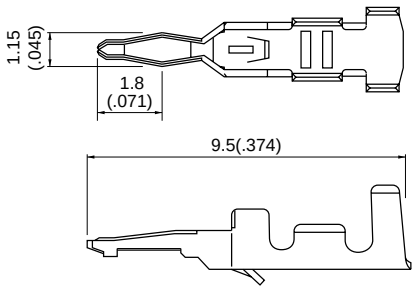
Certified LR20812

Contact

Type A



Type B

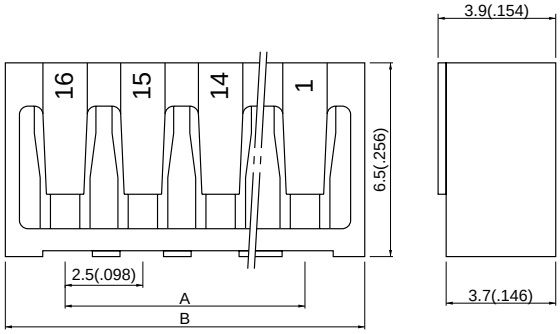


Model No.	Type	Applicable wire			Material	Q'ty / reel
		mm²	AWG #	Insulation O.D.mm(in.)		
SCN-001T-P1.0	A	0.08 to 0.33	28 to 22	0.9 to 1.7(.035 to .067)	Phosphor bronze	11,000
SCN-001T-1.0K	B				Brass	11,000

Finish
Tin-plated

Note:
1. Contact JST if you require shielded wires, thin wires or other special wires.
2. Contact JST for brass products.

Housing



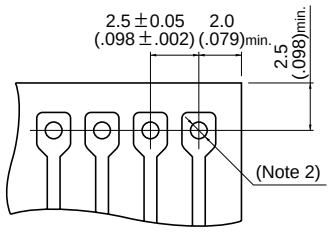
Cir-cuits	Model No.	Dimensions mm(in.)		Q'ty/ bag
		A	B	
2	**2P-SCN**	2.5(.098)	6.5(.256)	1,000
3	**3P-SCN**	5.0(.197)	9.0(.354)	1,000
4	**4P-SCN**	7.5(.295)	11.5(.453)	1,000
5	**5P-SCN**	10.0(.394)	14.0(.551)	1,000
6	**6P-SCN**	12.5(.492)	16.5(.650)	1,000
7	**7P-SCN**	15.0(.591)	19.0(.748)	1,000
8	**8P-SCN**	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(1.083)	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

<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-SCN-oo**
(blank)…natural (ivory)
K…black R…red Y…yellow

PC board layout *(viewed from soldering side)*



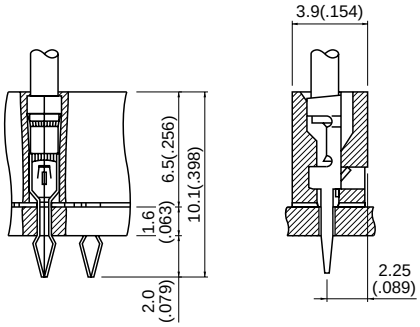
Note:

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±.002") 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



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
SCN-001T-1.0K	APLMK SCN001-10	APLNC SCN001-10	APLMKLS SCN001-10	APLLSNC SCN001-10	APLSC SCN001-10
SCN-001T-P1.0	APLMK SCN001-10	APLNC SCN001-10	APLMKLS SCN001-10	APLLSNC SCN001-10	APLSC SCN001-10