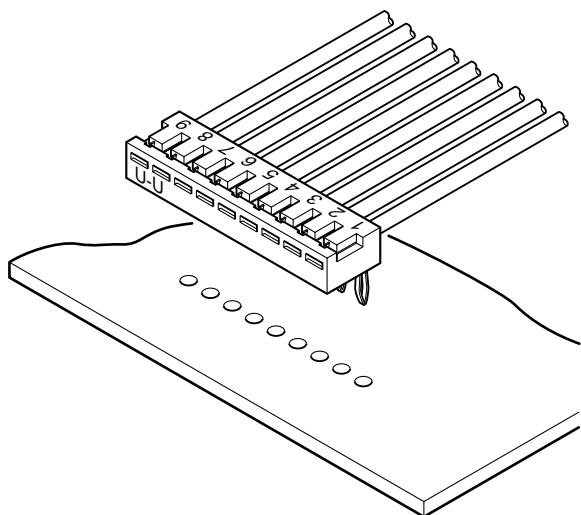


# SJN CONNECTOR

Board-in Crimp style connectors



**Side entry type board-in connector, with a mounting height of only 2.8mm (.110") and a thickness of 4.9mm (.193").**



## Features

### • **Housing lances**

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

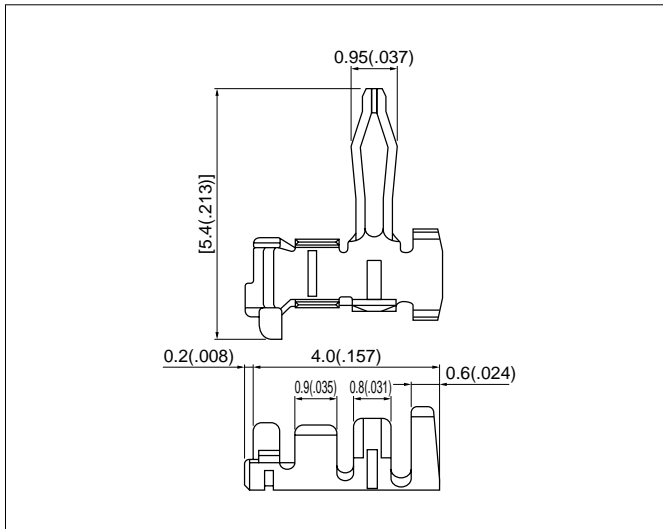
### • **Easy mounting onto printed circuit boards**

The solder tail of the contact is resilient so as to ensure easy assembly and provide a secure lock of the connector in the printed circuit board prior to soldering. The spring members of the solder tail are joined together at the top to prevent opening of deformation and to ensure 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 min.
  - Withstanding voltage: 800V AC/minute
  - Applicable wire: AWG #28 to #24
  - Applicable PC board thickness: 1.2 to 1.6mm(.047" to .063")
- \* Contact JST for details.

## Contact



Model No.	Applicable wire			Q'ty / reel
	mm <sup>2</sup>	AWG #	Insulation O.D.mm(in.)	
<b>SJN-002PT-0.9</b>	0.08 to 0.22	28 to 24	0.9 to 1.4(.035 to .055)	18,000

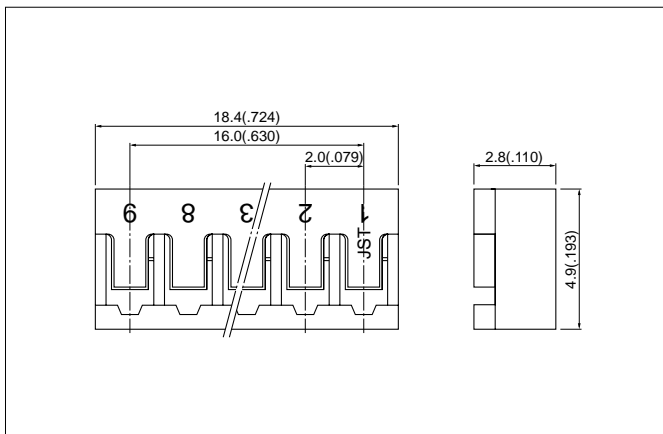
### Material and Finish

Brass, tin-plated

### Note:

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

## Housing

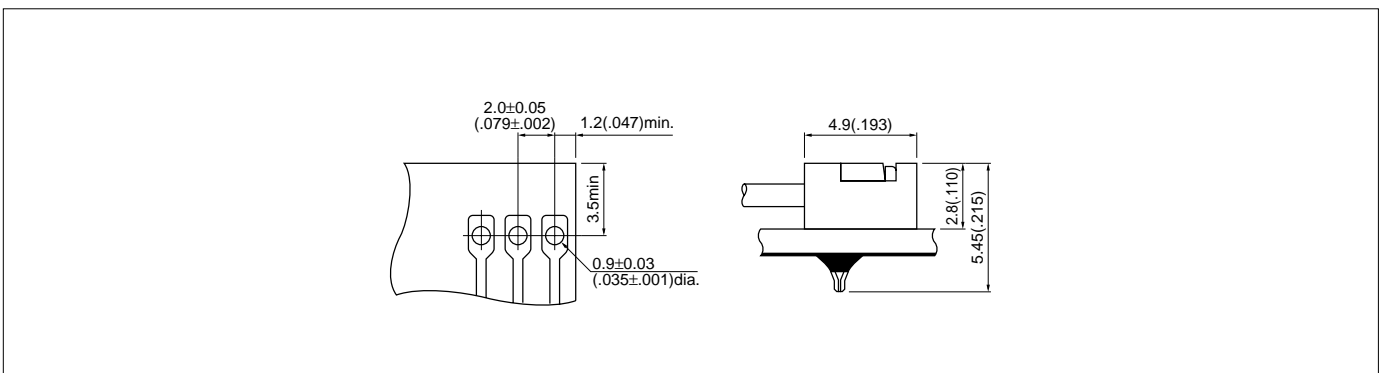


Cir-cuits	Model No.	Dimensions mm(in.)		Q'ty / bag
		A	B	
3	<b>03P-SJN</b>	4.0(.157)	6.4(.252)	1,000
9	<b>09P-SJN</b>	16.0(.630)	18.4(.724)	1,000

### Material

Nylon 66, UL94V-0, natural (white)

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



### Note:

- Tolerances are non-cumulative:  $\pm 0.05\text{mm}$  ( $\pm .002''$ ) for all centers.
- 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.

# SJN CONNECTOR

## 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
SJN-002PT-0.9	APLMK SJN002-009	APLNC SJN002-009	APLMKLS SJN002-009	APLLSNC SJN002-009	—