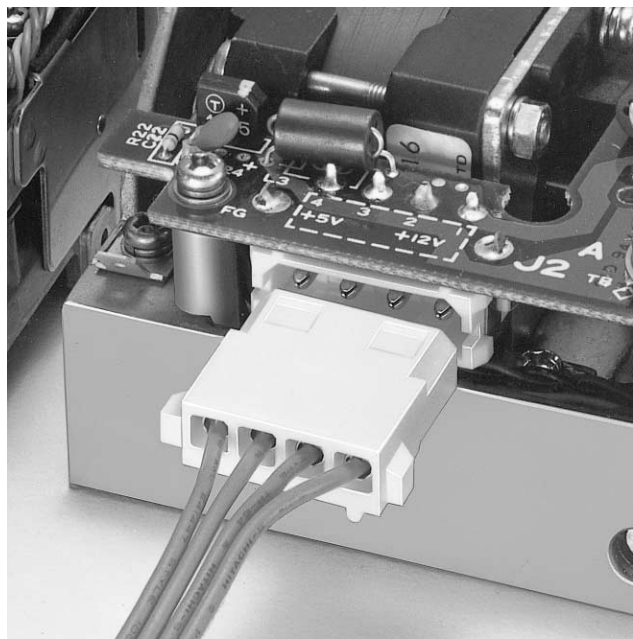
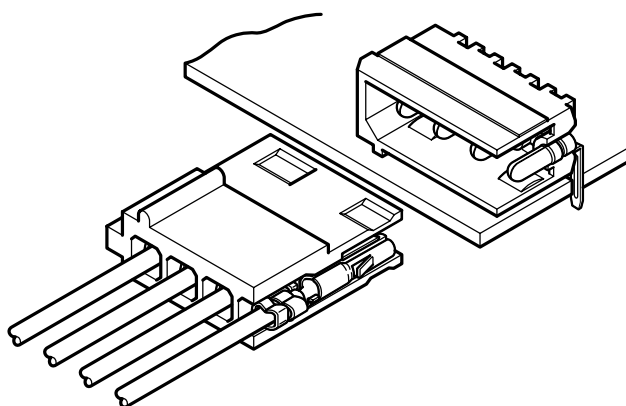


# LC CONNECTOR

Disconnectable Crimp style connectors



*This reliable, low cost connector is suited for bringing power to printed circuit boards in office automation equipment. A major application has been in secondary power supply circuits of floppy disk drives.*



## Features

### • **Anti-misinsertion feature**

The plug and header are polarized, thus preventing misinsertion of the connector.

### • **Self-locking housing clamp**

The self-locking housing clamp for the header ensures easy handling and sturdy mounting.

### • **Two kinds of headers**

Type A and B headers are available to match the mounting direction of your printed circuit boards.

### • **Two-wire crimp style contact**

Two-wire crimp contacts which facilitate branch connections and internal jumpering are available.

## Specifications

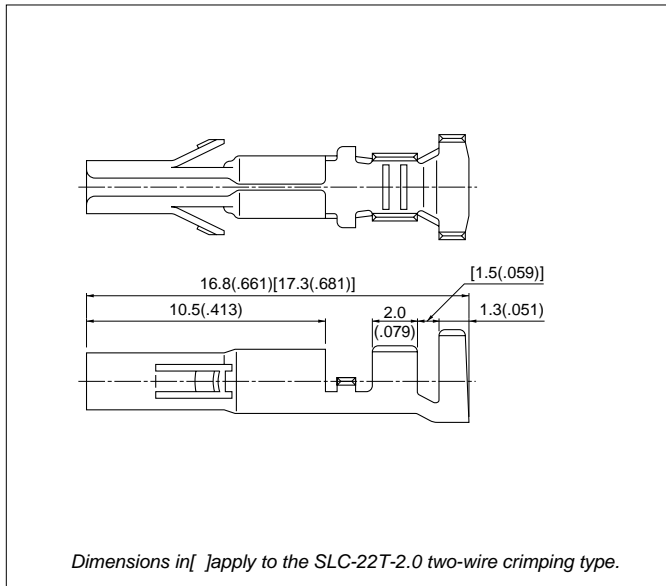
- Current rating: 7A AC, DC (AWG #18)
- Voltage rating: 250V AC, DC
- Temperature range: -25°C to +90°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10m Ω max.  
After environmental testing/20m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,500V AC/minute
- Applicable wire: AWG #22 to #18
- Applicable PC board thickness: 1.6mm(.063")
- Number of circuits: 4
- \* Contact JST if Lead-Free product is required.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

## Standards

RA Recognized E60389

CS Certified LR20812

## Contact



### One-wire crimping type

Model No.	Applicable wire			Q'ty / reel
	mm <sup>2</sup>	AWG #	Insulation O.D. mm(in.)	
<b>SLC-21T-2.0</b>	0.33 to 0.75	22 to 18	1.7 to 2.1(.067 to .083)	4,000

#### Material and Finish

Brass, tin-plated

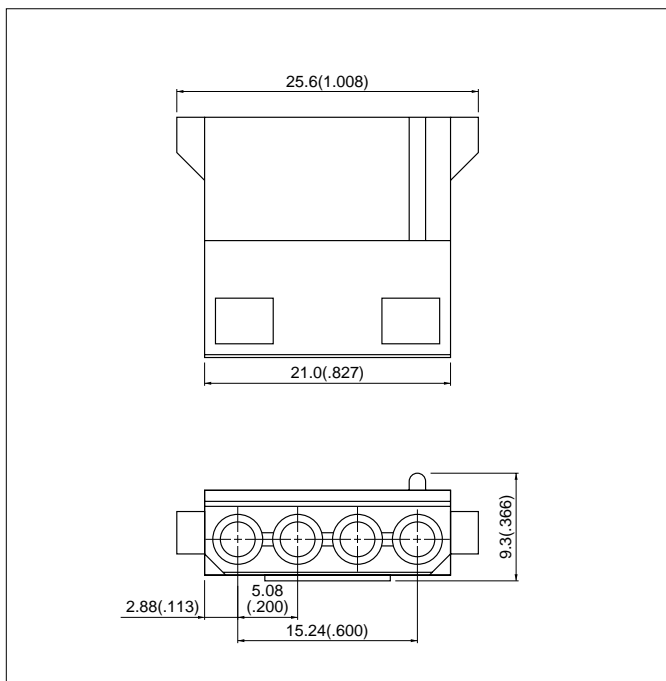
### Two-wire crimping type

Model No.	Combination of applicable wires UL1007 AWG #	Q'ty / reel
<b>SLC-22T-2.0</b>	20+20, 20+18, 18+18	3,000

#### Material and Finish

Brass, tin-plated

## Housing



Model No.	Q'ty / box
<b>LCP-04</b>	500

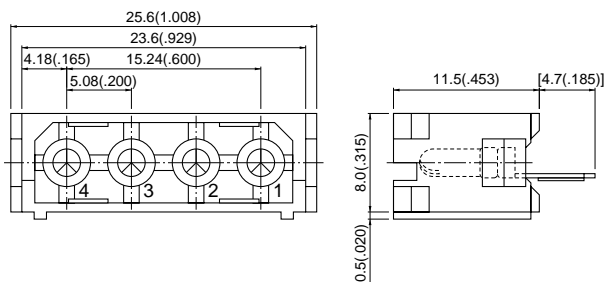
#### Material

Nylon 6, UL94V-0, natural (white)

# LC CONNECTOR

## Shrouded header

### Top entry type



### Top entry type

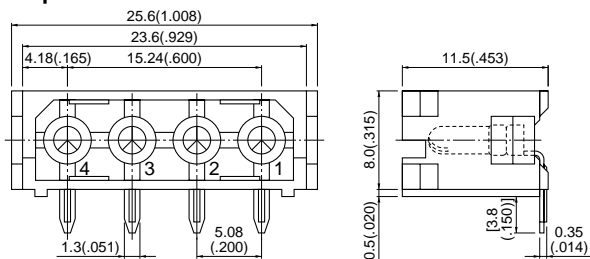
Model No.	Q'ty / box
<b>LC-04T</b>	100

#### Material and Finish

Contact: Brass, copper-undercoated, tin-plated  
Housing: Nylon 66, UL94V-0, natural (white)

### Side entry type

#### Shape A



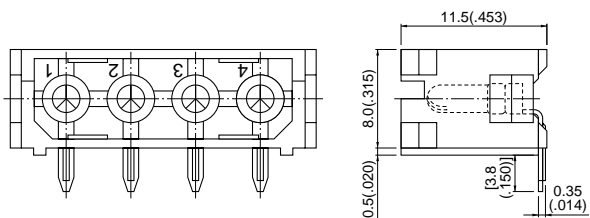
### Side entry type

Shape	Model No.	Q'ty / box
A	<b>LC-04A</b>	100
B	<b>LC-04B</b>	

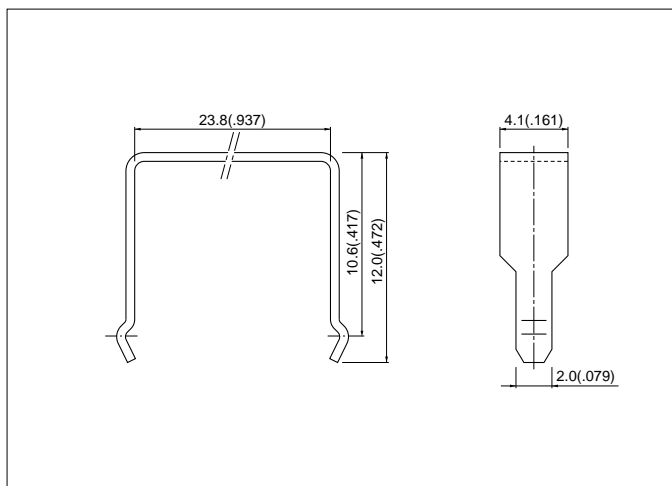
#### Material and Finish

Contact: Brass, copper-undercoated, tin-plated  
Housing: Nylon 66, UL94V-0, natural (white)

#### Shape B



## Housing clamp

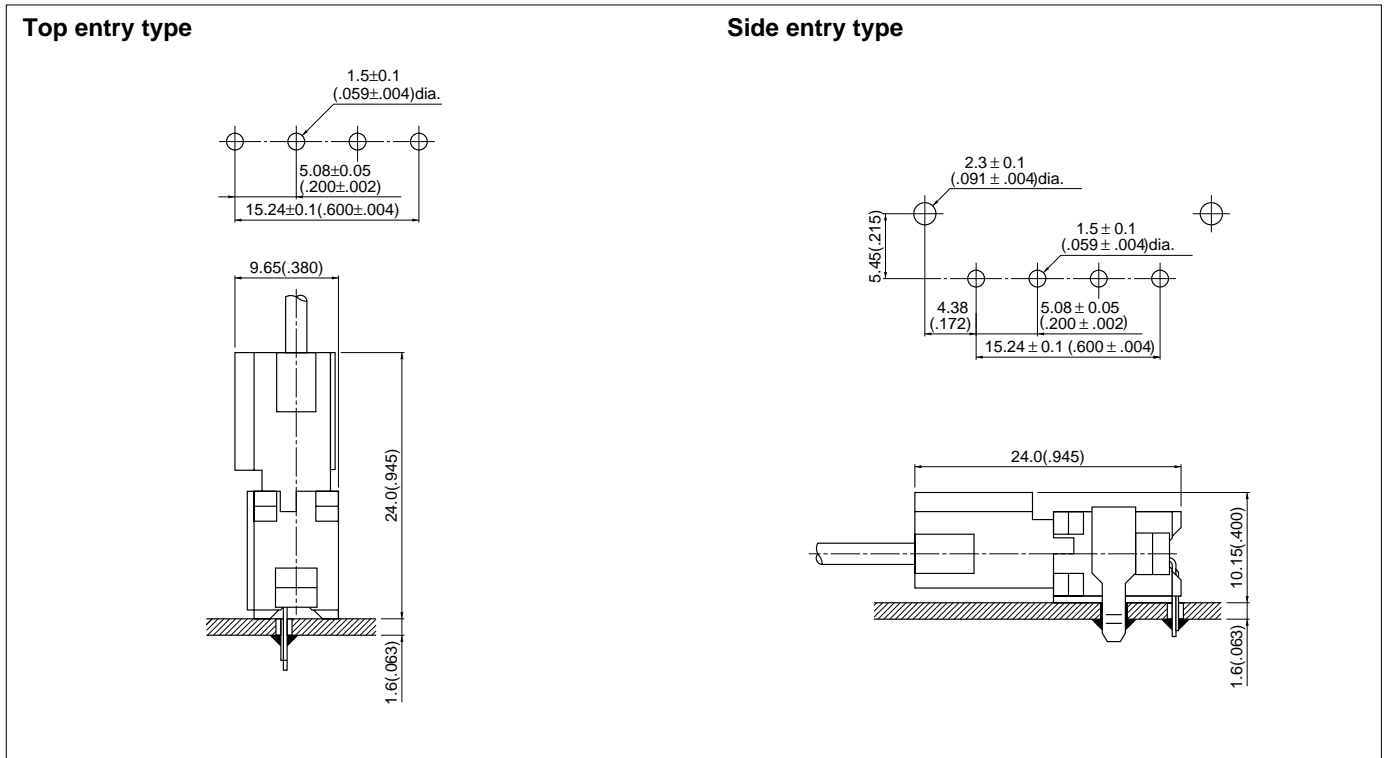


Model No.	Q'ty / box
<b>LCC-04</b>	500

#### Material and Finish

Brass, tin-plated

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



**Note:**

1. Tolerances are non-cumulative:  $\pm 0.05\text{mm}(\pm .002")$  for all centers.
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
<b>SLC-21T-2.0</b>	APLMK SLC21-20	APLNC SLC21-20	-	-	-
<b>SLC-22T-2.0</b>	APLMK SLC22-20	APLNC SLC22-20	-	-	-