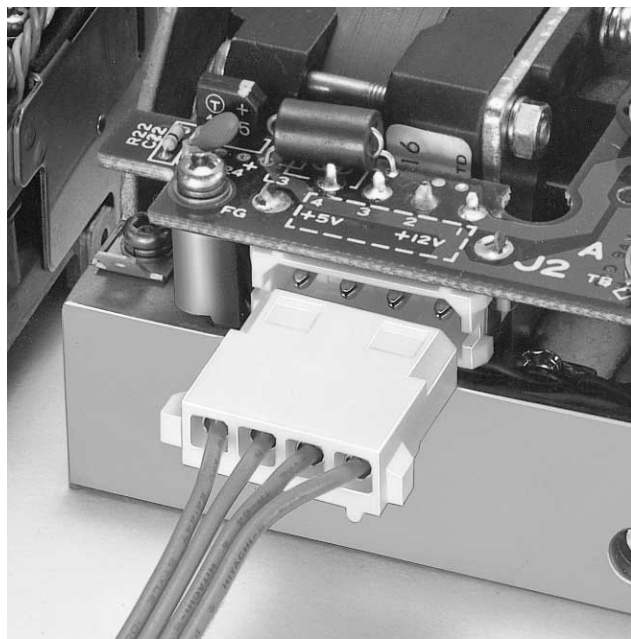
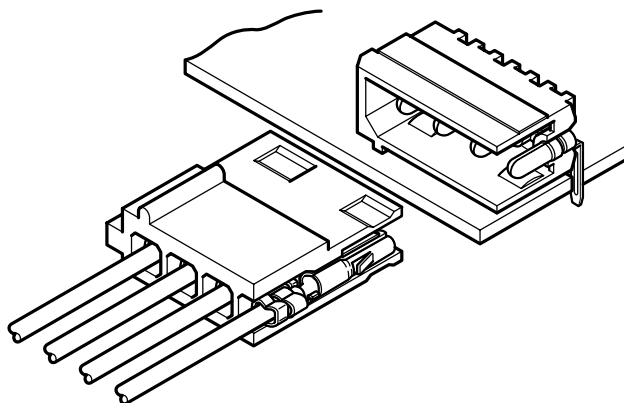


LC CONNECTOR

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 (Side entry type)

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

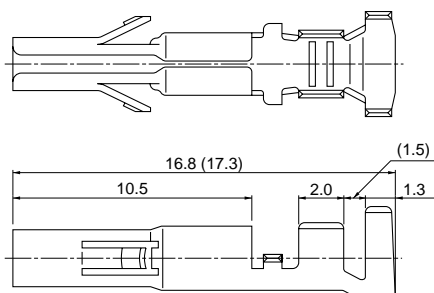
- Current rating: 7A AC, DC (AWG #18)
- Voltage rating: 250V AC, DC
- Temperature range: -25°C to +90°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10m Ω max.
After environmental testing/20m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,500V AC/minute
- Applicable wire: AWG #22 to #18
- Applicable PC board thickness: 1.6mm
- Number of circuits: 4
- * RoHS compliant products are published.
- * 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



Dimensions in [] apply to the SLC-22T-2.0 two-wire crimping type.

One-wire crimping type

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

Material and Finish

Brass, tin-plated (reflow treatment)

RoHS compliance

Two-wire crimping type

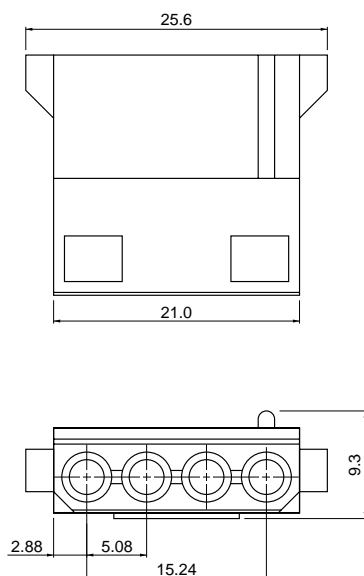
Model No.	Combination of applicable wires UL1007 AWG #	Q'ty / reel
SLC-22T-2.0	20+20, 20+18, 18+18	3,000

Material and Finish

Brass, tin-plated (reflow treatment)

RoHS compliance

Housing



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

Material

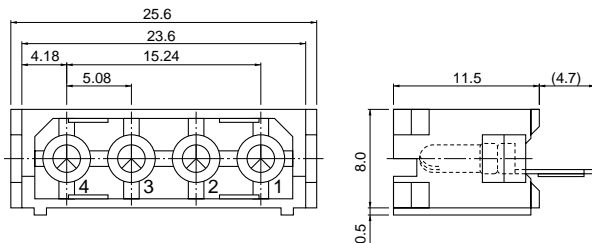
PA 6, UL94V-0, natural (white)

RoHS compliance

LC CONNECTOR

Shrouded header

Top entry type



Top entry type

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

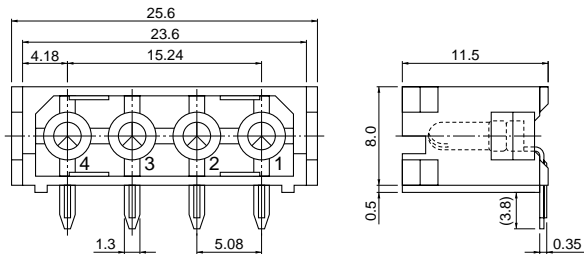
Material and Finish

Contact: Brass, tin-plated (reflow treatment)
Housing: PA 66, UL94V-0, natural (white)

RoHS compliance

Side entry type

Shape A



Side entry type

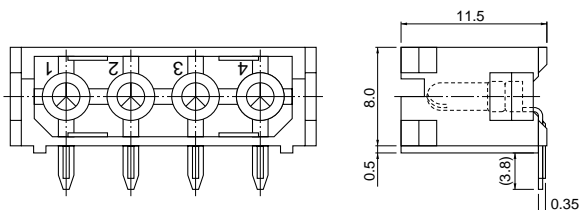
Shape	Model No.	Q'ty / box
A	LC-04A	100
B	LC-04B	

Material and Finish

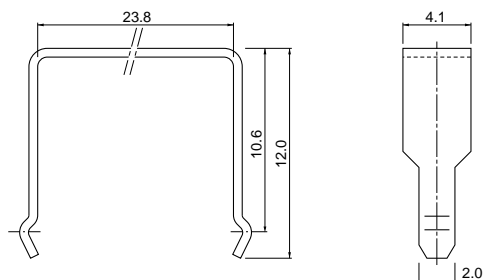
Contact: Brass, tin-plated (reflow treatment)
Housing: PA 66, UL94V-0, natural (white)

RoHS compliance

Shape B



Housing clamp



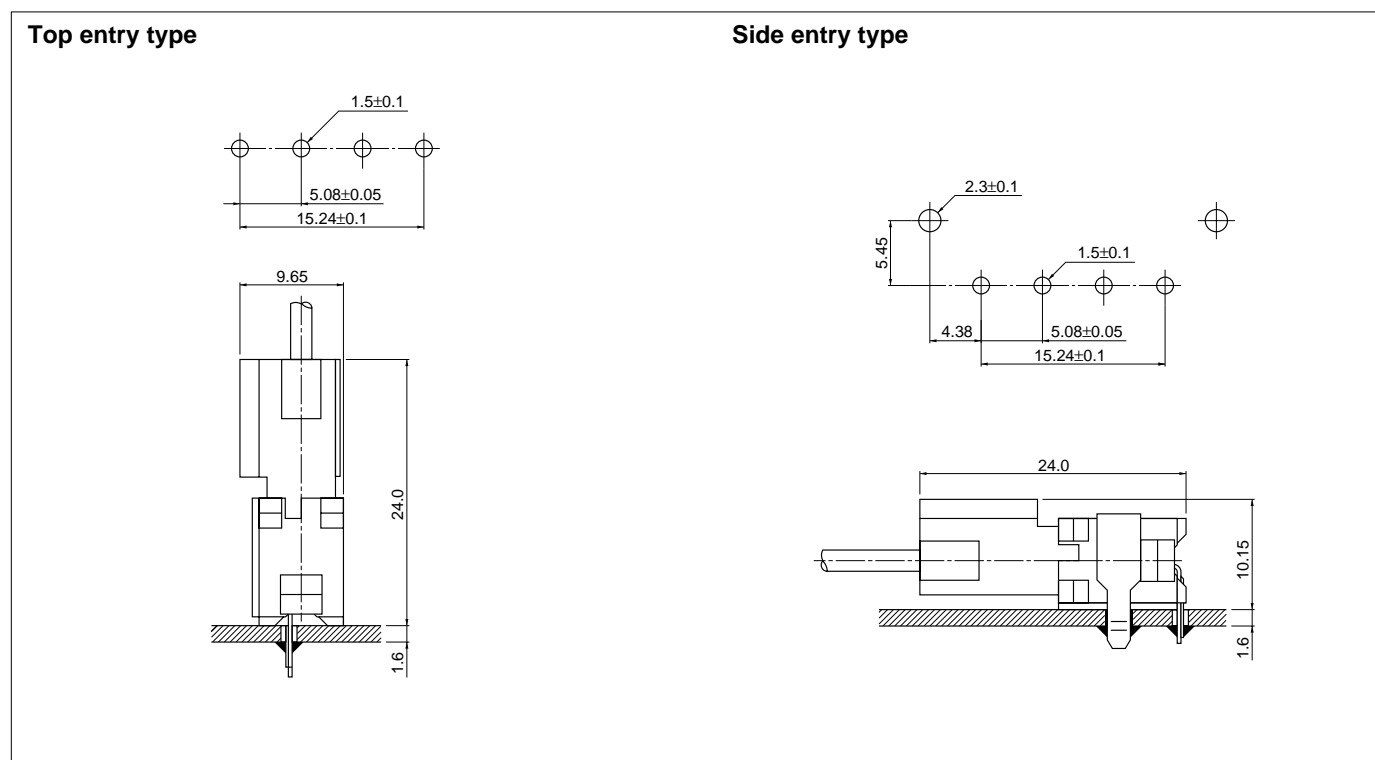
Model No.	Q'ty / box
LCC-04	500

Material and Finish

Brass, tin-plated (reflow treatment)

RoHS compliance

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



Note:

1. Tolerances are non-cumulative: $\pm 0.05\text{mm}$ 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.

Crimping machine, Applicator

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
SLC-21T-2.0	AP-K2N	MKS-L	MK/SLC-21-20	APLMK SLC21-20
		—	—	—

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
SLC-22T-2.0	AP-K2N	MKS-L	MK/SLC-22-20	APLMK SLC22-20
		—	—	—