JST

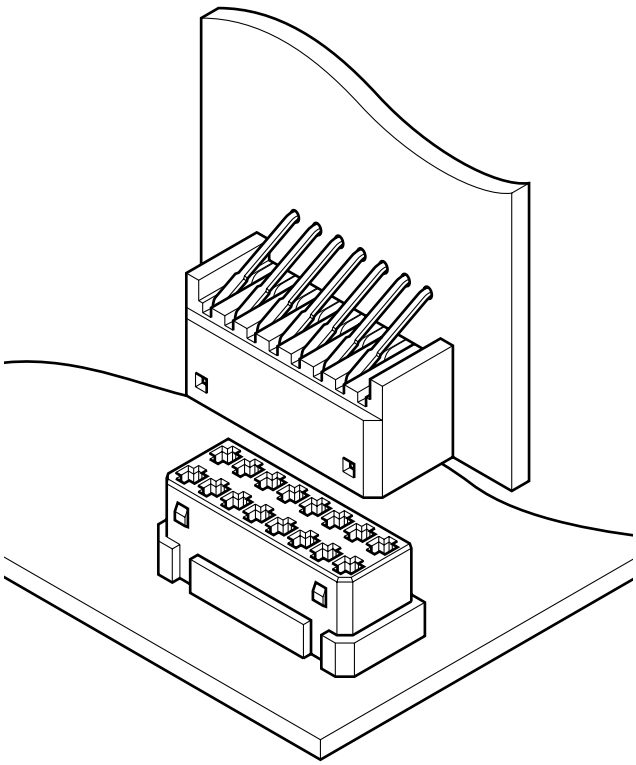
1.25mm pitch

JED CONNECTOR

Board-to-board connectors



This 1.25mm pitch dual-in-line, board-to-board connector. Double-sided, high-pressure contacts and a housing locking feature provide reliable connections.



Feature

• A compact design to meet today's needs

This small connector has a 1.25mm pitch dual-in-line construction at both the mating and printed circuit board sides. It has a mounting height of only 7.0mm and a thickness of 4.6mm.

• Positive housing lock provides a highly reliable connection

The high-pressure, double-sided, fork type contacts and a housing lock feature ensure continuity even when the connector is subjected to severe vibration or shock.

• Polarized shrouded header

The polarized shrouded header prevents misinsertion or distortion of the receptacle housing during mating. The rigid mating between the plug and receptacle guarantees high reliability during vibration or shock.

Specifications

- Current rating: 1.0A AC, DC
- Voltage rating: 50V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/20m Ω max.
  After environmental testing/40m Ω max.
- Insulation resistance: 300M Ω min.
- Withstanding voltage: 500V AC/minute
- Applicable PC board thickness: 0.8 to 1.0mm

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

Standards

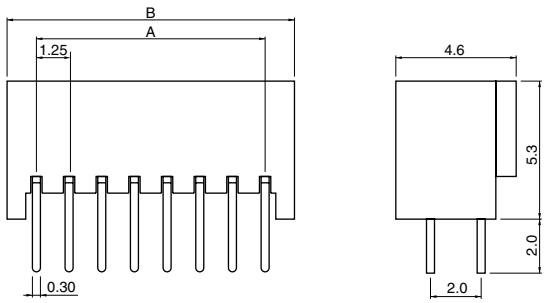
Recognized E60389

Certified LR20812

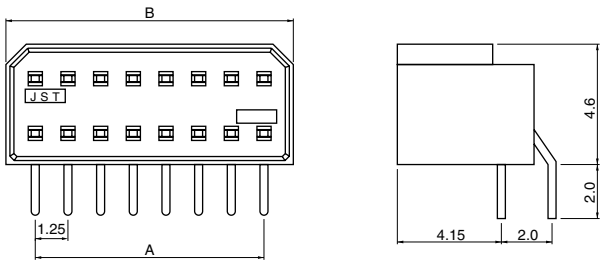
JED CONNECTOR

Plug

Top entry type



Side entry type

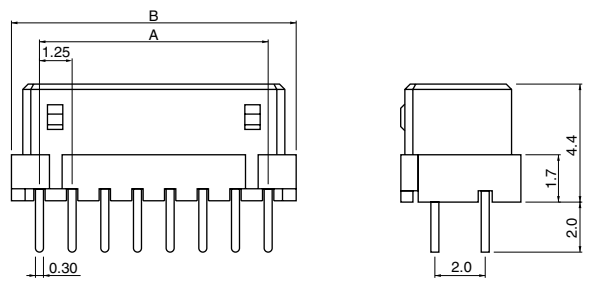


Circuits	Model No.		Dimensions (mm)		Q'ty / box
	Top entry type	Side entry type	A	B	
8	**08P-JED**	**08PS-JED**	3.75	5.95	500
16	**16P-JED**	**16PS-JED**	8.75	10.95	500
22	**22P-JED**	**22PS-JED**	12.50	14.70	500

Material and Finish
Contact: Brass, tin-plated(reflow treatment) Housing: Glass-filled PA 66, UL94V-0

RoHS compliance

Receptacle



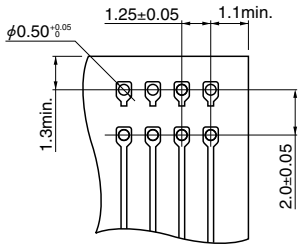
Circuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
8	**08R-JED**	3.75	5.95	500
16	**16R-JED**	8.75	10.95	500
22	**22R-JED**	12.50	14.70	500

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated(reflow treatment) Housing: Glass-filled PA 66, UL94V-0

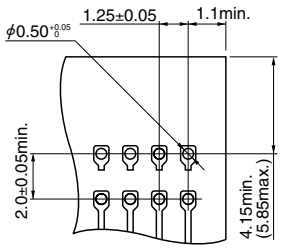
RoHS compliance *This product displays (LF)(SN) on a label.*

PC board layout (viewed from soldering side)

Plug: top entry type
Receptacle



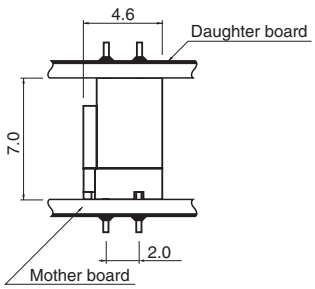
Plug: side entry type



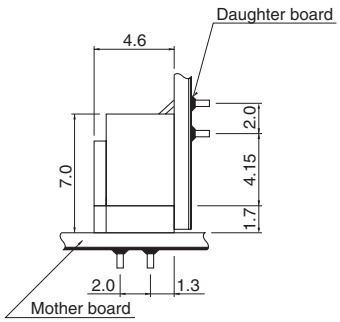
Note:
1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline.

Assembly layout

Top entry type



Side entry type



Note: The daughter board must be secured by means other than the connector.
Contact JST for more details.