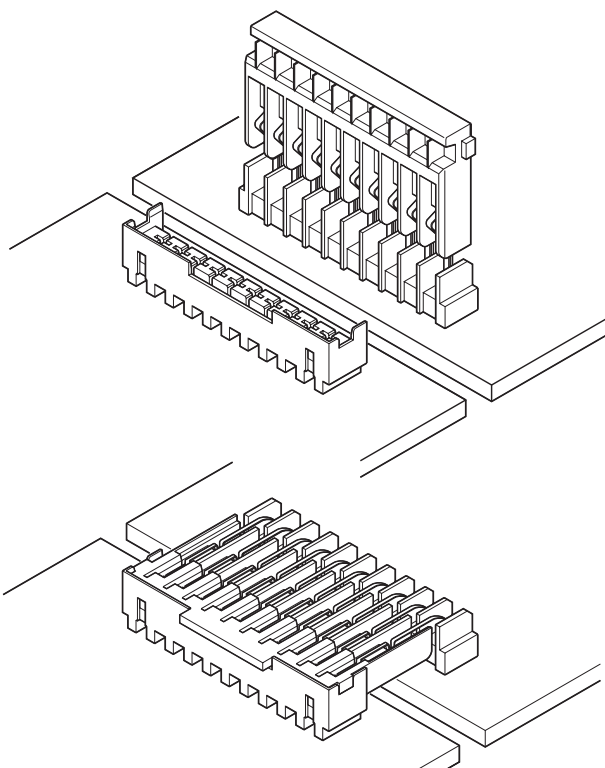


# 2.5FJ CONNECTOR

2.5mm pitch/Board-to-board connectors



**The 2.5FJ connector is a 2.5mm pitch board-to-board connector. The connector halves can be mated after the installation of the printed circuit boards in their enclosure.**

- Flexible connection absorbs circuit board misalignment
- Provides a low profile mount and allows connection after mounting
- Assures a reliable connection

## 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/60m  $\Omega$  max.  
After environmental testing/80m  $\Omega$  max.
- Insulation resistance: 500M  $\Omega$  min.
- Withstanding voltage: 500V AC/minute
- Applicable PC board thickness: 1.6mm
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

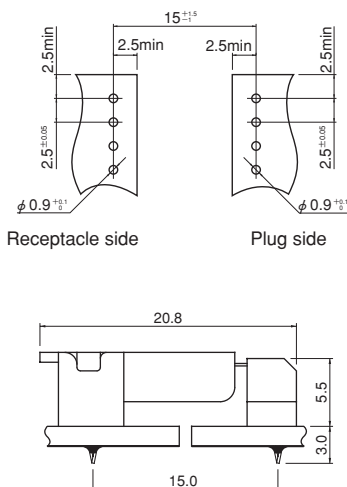
## Standards

Recognized E60389

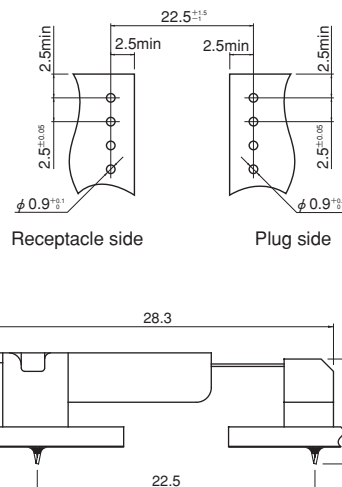
Certified LR20812

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

### Short type



### Long type



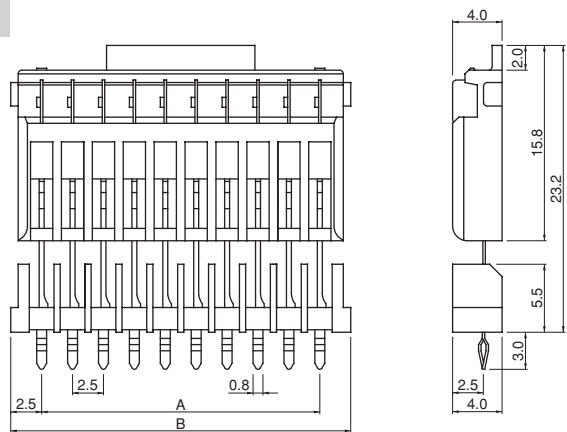
Note: 1. Tolerances are non-cumulative:  $\pm 0.05\text{mm}$  for all centers.

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.

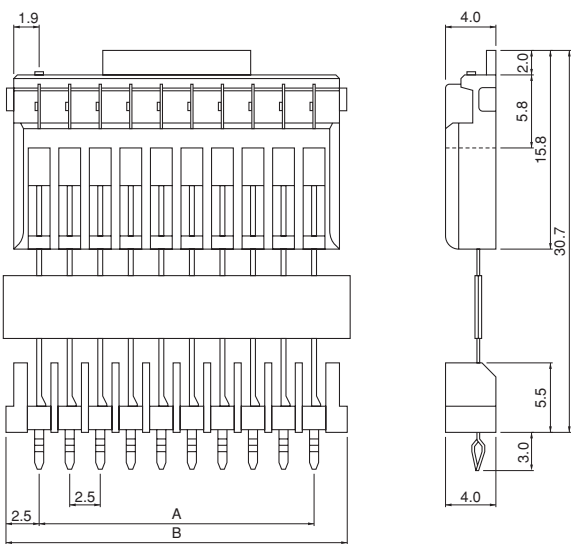
# 2.5FJ CONNECTOR

## Plug

### Short type



### Long type



Circuits	Model No.		Dimensions (mm)		Q'ty / box	
	Short type	Long type	A	B	Short type	Long type
5	<b>05TM-2.5FJ</b>	—	10.0	15.0	200	—
10	<b>10TM-2.5FJ</b>	<b>10PN-2.5FJ</b>	22.5	27.5	100	100

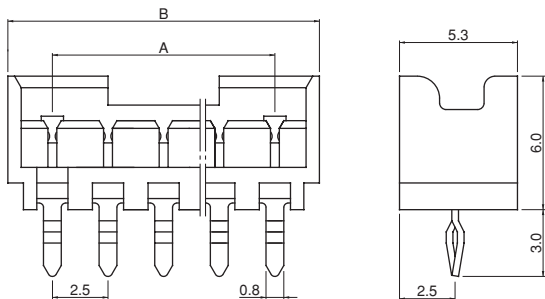
#### Material and Finish

Contact: Phosphor bronze, tin-plated (reflow treatment)  
Housing: PA 66, UL94V-0,  
Short type —white (natural)  
Long type —white (natural)

#### RoHS compliance

Note: 10PN-2.5FJ is not UL/CSA approved.

## Receptacle



Circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
5	<b>05R-2.5FJ</b>	10.0	15.0	200
10	<b>10R-2.5FJ</b>	22.5	27.5	200

#### Material and Finish

Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)  
Housing: PA 66, UL94V-0

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