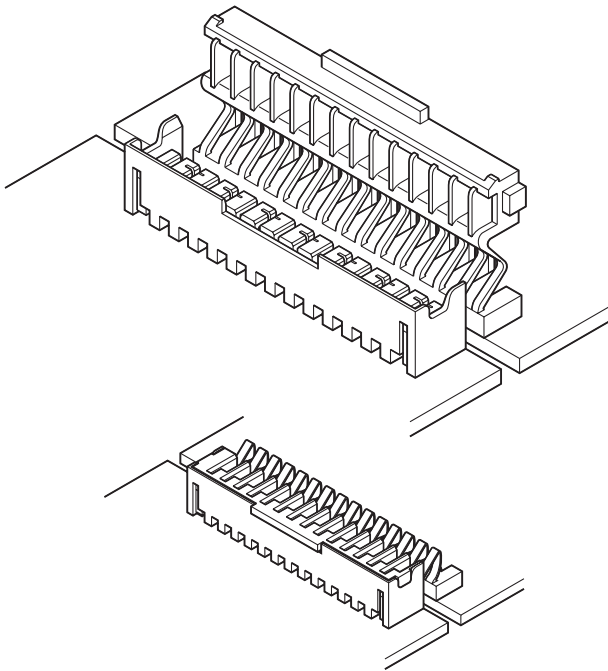


FJ CONNECTOR

2.0mm pitch/Board-to-board connectors



The FJ board-to-board connector absorbs lateral and longitudinal alignment errors thanks to an innovative new design that provides flexible connection between closely spaced circuit boards. Added advantages are simplified and less stringent packaging specifications for board-to-board connections and a higher quality end product.

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

Specifications

- Current rating: 1.0 A AC, DC
- Voltage rating: 50 V AC, DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 40 mΩ max.
After environmental tests/ 80 mΩ max.
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable PC board thickness: 1.6 mm

* In using the products, refer to "Handling Precaution for Terminal and Connector" described on our website (Technical documents of Product information page).

* Contact JST for details.

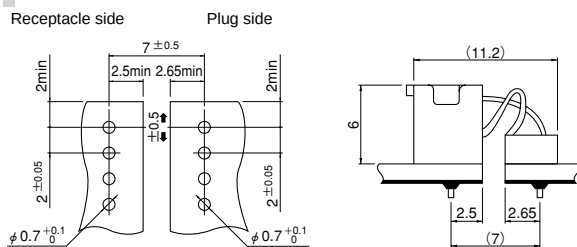
* RoHS2 compliance.

Standards

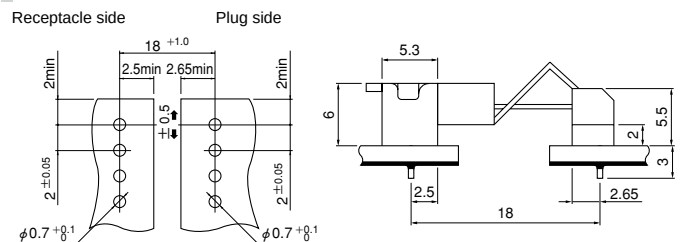
Ⓜ Recognized E60389

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

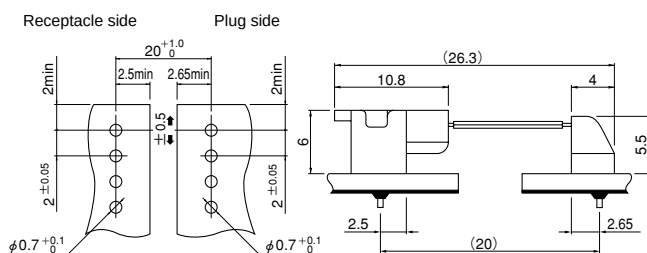
Short type



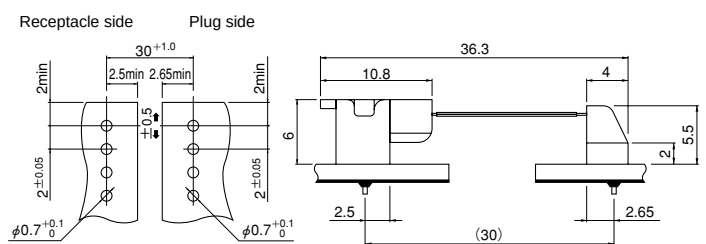
FJ-V type



FJ-L type



FJ-K type



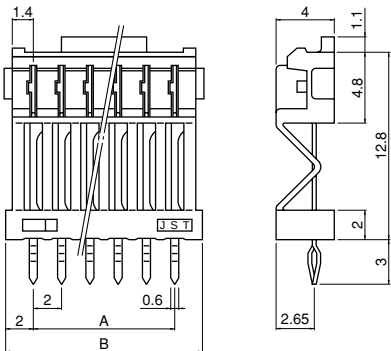
Note: 1. Tolerances are non-cumulative: ±0.05 mm for all centers.

2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline.
Contact JST for details.

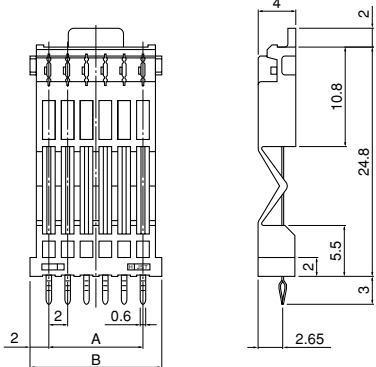
FJ CONNECTOR

Plug

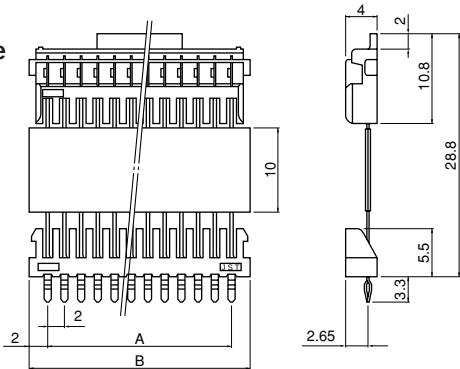
Short type



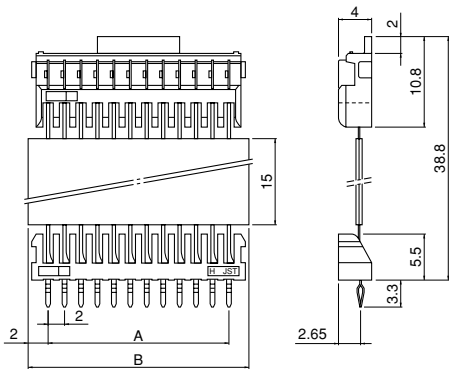
FJ-V type



FJ-L type



FJ-K type



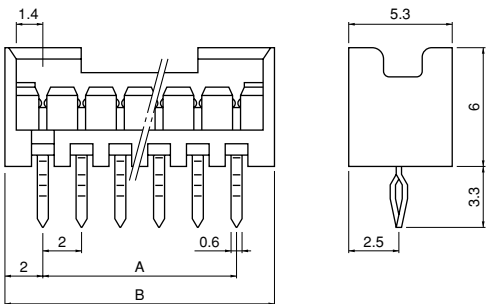
Circuits	Model No.				Dimensions (mm)		Q'ty/box			
	Short type	FJ-V type	FJ-L type	FJ-K type	A	B	Short type	FJ-V type	FJ-L type	FJ-K type
4	04P-FJ	—	—	—	6.0	10.0	500	—	—	—
5	—	—	05PL-FJ	05PK-FJ	8.0	12.0	—	—	250	150
6	06P-FJ	—	06PL-FJ	06PK-FJ	10.0	14.0	250	—	200	150
7	07P-FJ	—	07PL-FJ	—	12.0	16.0	250	—	200	—
8	08P-FJ	—	08PL-FJ	08PK-FJ	14.0	18.0	200	—	200	100
9	09P-FJ	—	—	—	16.0	20.0	200	—	—	—
10	10P-FJ	—	10PL-FJ	10PK-FJ	18.0	22.0	200	—	100	100
11	11P-FJ	—	—	—	20.0	24.0	200	—	—	—
12	12P-FJ	—	12PL-FJ	12PK-FJ	22.0	26.0	100	—	100	50
14	14P-FJ	—	14PL-FJ	14PK-FJ	26.0	30.0	100	—	100	50
15	—	15PV-FJ	—	—	28.0	32.0	—	168	—	—

Material and Finish

Contact: Phosphor bronze, tin-plated (reflow treatment)
Housing: PA 66, UL94V-0, white
Insulation tape: Acetate, UL510FR (FJ-L type)
Polyester, UL94V-0 (FJ-K type)

RoHS2 compliance

Receptacle



Circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
4	04R-FJ	6.0	10.0	500
5	05R-FJ	8.0	12.0	500
6	06R-FJ	10.0	14.0	500
7	07R-FJ	12.0	16.0	500
8	08R-FJ	14.0	18.0	250
9	09R-FJ	16.0	20.0	250
10	10R-FJ	18.0	22.0	250
11	11R-FJ	20.0	24.0	250
12	12R-FJ	22.0	26.0	200
14	14R-FJ	26.0	30.0	200
15	15R-FJ	28.0	32.0	200

Material and Finish

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

RoHS2 compliance This product displays (LF)(SN) on a label.