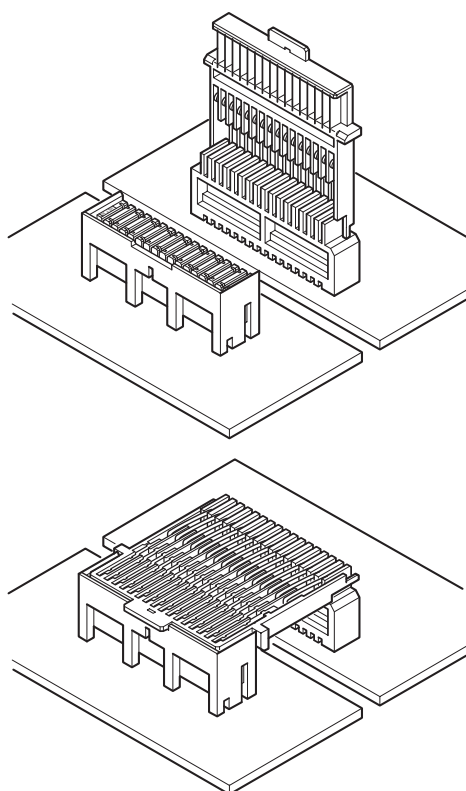# 1.5FJ CONNECTOR

1.5mm pitch/Board-to-board connectors

The 1.5FJ connector is a 1.5mm pitch board-to-board connector. Its plug consists of a unique flexible hinge that absorbs circuit board misalignment. Board-to-board connection requires less labor and is more reliable because the connection can be made without the use of harnesses after the printed circuit boards are installed in their enclosures.

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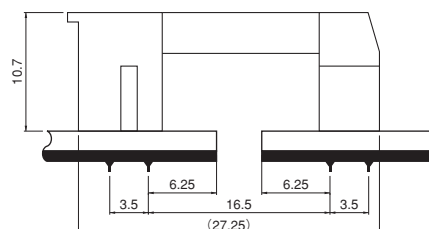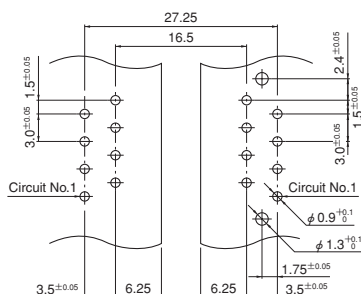
Specifications

- Current rating: 0.5A 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/80m Ω max.
  After environmental testing/100m Ω max.
- Insulation resistance: 500M Ω 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
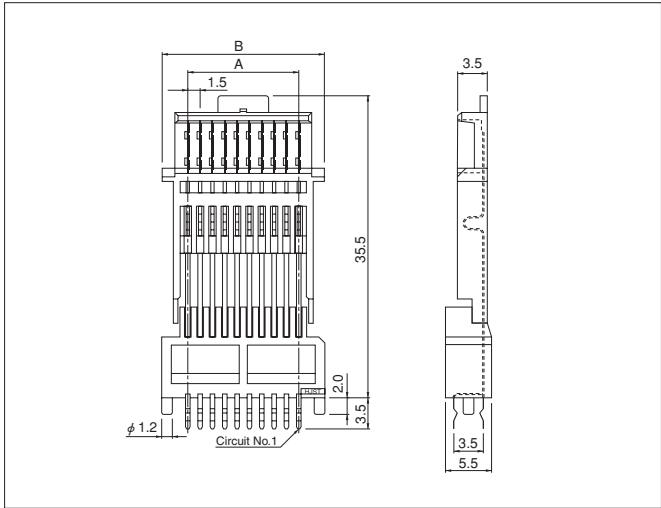

Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
   2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.
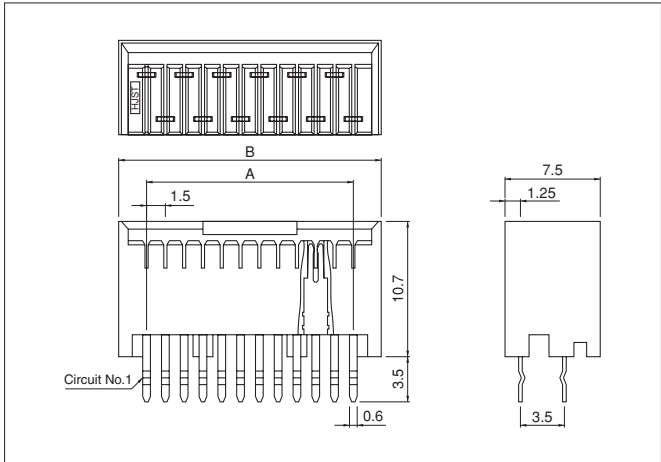
1.5FJ CONNECTOR

Plug

| Circuits | Model No. | Dimensions (mm) | | Q'ty / box |
		A	B	
8	**08P-1.5FJ**	10.5	16.5	245
16	**16P-1.5FJ**	22.5	28.5	140

Material and Finish
Contact: Phosphor bronze, tin-plated (reflow treatment) Housing: Glass-filled PBT, UL94V-0, black

RoHS compliance

Receptacle

| Circuits | Model No. | Dimensions (mm) | | Q'ty / box |
		A	B	
8	**08R-1.5FJ**	10.5	15.0	440
16	**16R-1.5FJ**	22.5	27.0	220

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

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