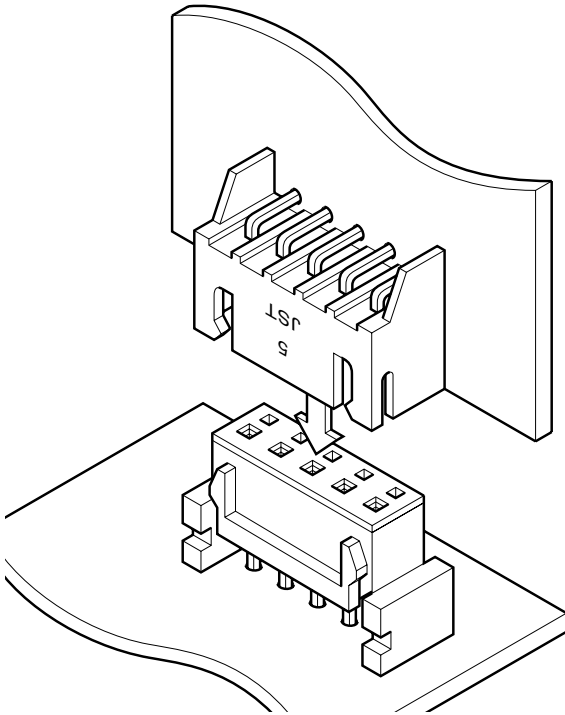


JQ CONNECTOR

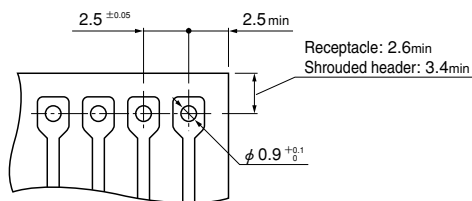
2.5mm pitch/Board-to-board connectors



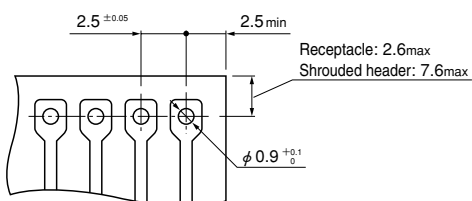
This 2.5mm pitch connector is used to interconnect printed circuit boards. It easily resists distortion during mating, thus ensuring reliable contact, even under adverse conditions.

- High contact pressure
- Box-shaped shroud
- Secure locking on printed circuit boards
- Vertical, horizontal and parallel mounting
- Interchangeability

Top entry type



Side entry type



Note: 1. The above figure is the figure viewed from soldering side.

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

3. 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.

Specifications

- Current rating: 3A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: -25°C to +85°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: 1,000V 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

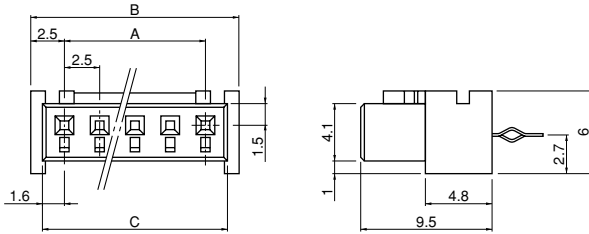
R50088587

| Combinations | | Receptacle | |
|-----------------|------------------------------|----------------|-----------------|
| | | Top entry type | Side entry type |
| Shrouded header | Top entry type B()B-XH-A | | |
| | Side entry type S()B-XH-A-1 | | |

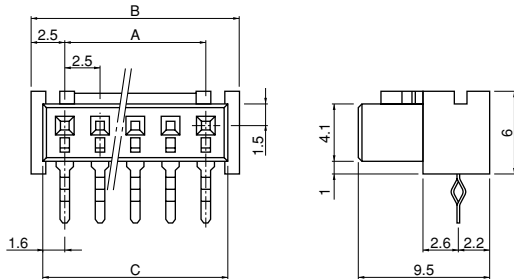
JQ CONNECTOR

Receptacle

Top entry type



Side entry type



| Circuits | Model No. | | Dimensions (mm) | | | Q'ty / box | |
|----------|----------------|-----------------|-----------------|------|------|----------------|-----------------|
| | Top entry type | Side entry type | A | B | C | Top entry type | Side entry type |
| 3 | 03JQ-BT | 03JQ-ST | 5.0 | 10.0 | 8.2 | 500 | 500 |
| 4 | 04JQ-BT | 04JQ-ST | 7.5 | 12.5 | 10.7 | 500 | 500 |
| 5 | 05JQ-BT | 05JQ-ST | 10.0 | 15.0 | 13.2 | 500 | 500 |
| 6 | 06JQ-BT | 06JQ-ST | 12.5 | 17.5 | 15.7 | 500 | 500 |
| 7 | 07JQ-BT | 07JQ-ST | 15.0 | 20.0 | 18.2 | 250 | 250 |
| 8 | 08JQ-BT | 08JQ-ST | 17.5 | 22.5 | 20.7 | 200 | 250 |
| 9 | 09JQ-BT | 09JQ-ST | 20.0 | 25.0 | 23.2 | 200 | 250 |
| 10 | 10JQ-BT | 10JQ-ST | 22.5 | 27.5 | 25.7 | 250 | 250 |
| 11 | 11JQ-BT | 11JQ-ST | 25.0 | 30.0 | 28.2 | 250 | 250 |
| 12 | 12JQ-BT | 12JQ-ST | 27.5 | 32.5 | 30.7 | 200 | 200 |
| 13 | 13JQ-BT | 13JQ-ST | 30.0 | 35.0 | 33.2 | 200 | 200 |
| 15 | 15JQ-BT | 15JQ-ST | 35.0 | 40.0 | 38.2 | 100 | 100 |

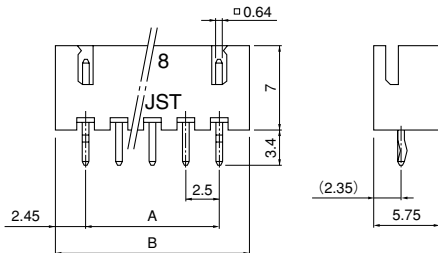
Material and Finish

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

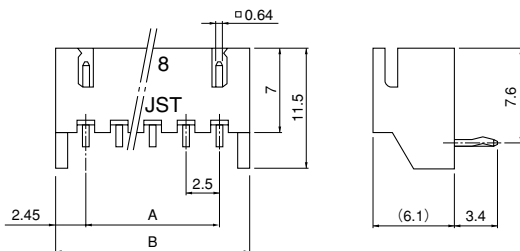
RoHS compliance

Shrouded header

Top entry type



Side entry type



| Circuits | Model No. | | Dimensions (mm) | | Q'ty / box | |
|----------|----------------|-----------------|-----------------|------|----------------|-----------------|
| | Top entry type | Side entry type | A | B | Top entry type | Side entry type |
| 3 | B3B-XH-A | S3B-XH-A-1 | 5.0 | 9.9 | 1,000 | 1,000 |
| 4 | B4B-XH-A | S4B-XH-A-1 | 7.5 | 12.4 | 500 | 500 |
| 5 | B5B-XH-A | S5B-XH-A-1 | 10.0 | 14.9 | 500 | 500 |
| 6 | B6B-XH-A | S6B-XH-A-1 | 12.5 | 17.4 | 500 | 500 |
| 7 | B7B-XH-A | S7B-XH-A-1 | 15.0 | 19.9 | 500 | 250 |
| 8 | B8B-XH-A | S8B-XH-A-1 | 17.5 | 22.4 | 500 | 250 |
| 9 | B9B-XH-A | S9B-XH-A-1 | 20.0 | 24.9 | 500 | 250 |
| 10 | B10B-XH-A | S10B-XH-A-1 | 22.5 | 27.4 | 250 | 250 |
| 11 | B11B-XH-A | S11B-XH-A-1 | 25.0 | 29.9 | 250 | 250 |
| 12 | B12B-XH-A | S12B-XH-A-1 | 27.5 | 32.4 | 250 | 200 |
| 13 | B13B-XH-A | S13B-XH-A-1 | 30.0 | 34.9 | 250 | 200 |
| 14 | B14B-XH-A | S14B-XH-A-1 | 32.5 | 37.4 | 250 | 200 |
| 15 | B15B-XH-A | S15B-XH-A-1 | 35.0 | 39.9 | 250 | 200 |

Material and Finish

Post: Brass, copper-undercoated, tin-plated (reflow treatment)
Wafer: PA 66, UL94V-0, natural (white)

RoHS compliance

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