

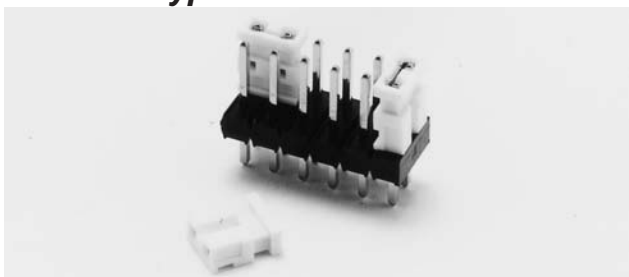
JM CONNECTOR

Jumper connectors

Standard type

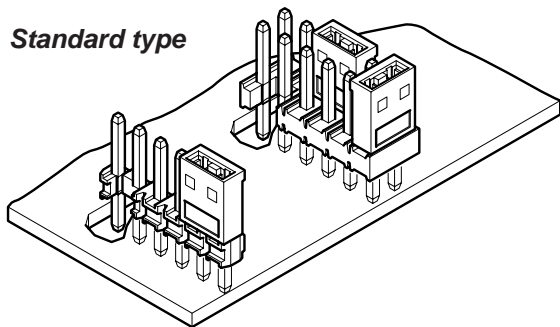


Grooved type

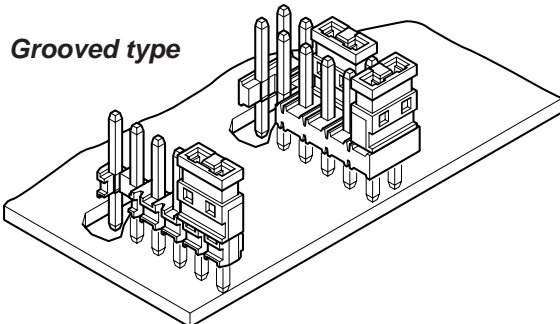


This is a two-circuit jumper connector suited for changing or switching circuits on printed circuit boards without using DIP switches. It is compact and light, thus can be mounted on printed circuit boards without interfering with the placement of other components. The connector is easy to use, low in cost, and has a wide range of applications in industrial and consumer products.

Standard type



Grooved type



Features

• Stackable

This connector is stackable in both directions.

• Low profile

This connector measures 8.5 mm high after mounting. The receptacle is 6.0 mm high.

• High reliability

Each contact makes an electrical connection with its mating header post at two points. This redundancy ensures continuity even under adverse environmental conditions.

• Through style

The receptacle allows the mating post to pass completely through and measures 6.0 mm in height. It is suited for various headers having posts measuring 6.0 mm or more in height.

• Provides convenient test points

Provides extra test points where circuits can be checked without the disassembly of components.

Specifications

- Current rating: 3 A AC, DC
- Voltage rating: 250 V AC, DC
- Temperature range: -55°C to +125°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20 mΩ max.
After environmental tests/ 30 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 800 VAC/minute
- Applicable PC board thickness: 1.2 to 1.6 mm
- Number of circuits: RE header 2 to 30
RF header 2 to 60 (even numbers only)

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

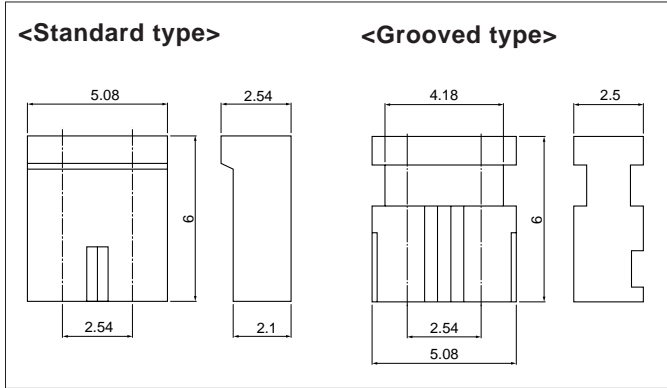
* Compliant with RoHS.

Standards

Recognized E60389

Certified LR20812

Receptacle



| Type | Model No. | Finish | Color | Q'ty/box |
|----------|-------------|---|---------|----------|
| Standard | JM-2BK-61 | Nickel-undercoated, Mating part; gold-plated 0.1 micron min. | Black | 5,000 |
| | JM-2BL-63 | Nickel-undercoated, Mating part; gold-plated 0.4 micron min. | Blue | |
| | JM-2R-64 | Nickel-undercoated, Mating part; gold-plated 0.76 micron min. | Red | |
| | JM-2W-96 | Copper-undercoated, tin-plated (reflow treatment) | Natural | |
| Grooved | *JM-T2W-61B | Nickel-undercoated, Mating part; gold-plated 0.1 micron min. | White | |

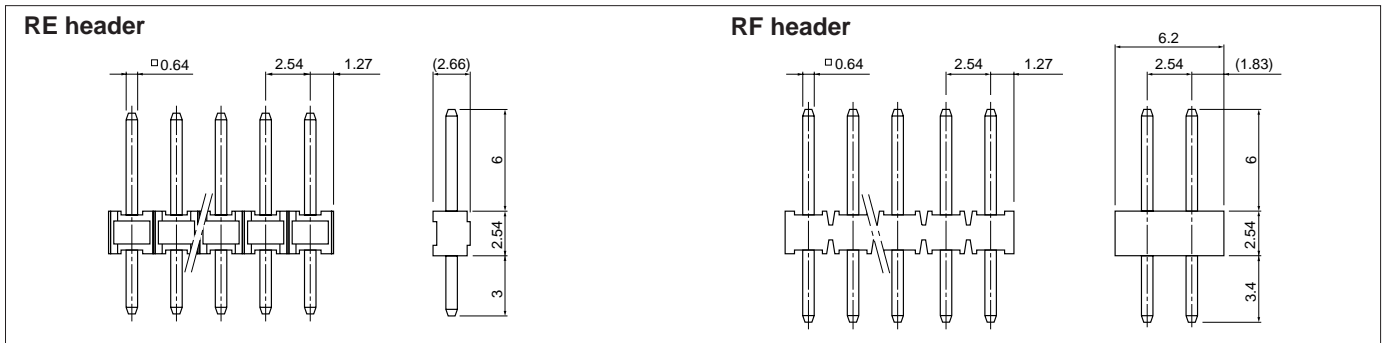
Material

Contact: Phosphor bronze
Housing: PBT, UL94V-0

RoHS compliance

Note: 1. *Marked product is not approved by UL/CSA .
2. Contact JST for special products.

Header



Gold-plated product

| Model No. | Material | | Finish |
|-----------------|---------------------|-------|---------------------------------|
| | Wafer | Post | |
| RE-H()2TD-1130 | PBT, UL94V-0, black | Brass | Nickel-undercoated, gold-plated |
| RF-H()2TD-1130 | | | |

RoHS compliance

Note: 1. A two-digit number (RE header: 02 to 30 or RF header: 02 to 60 even numbers only) representing the number of circuits should be inserted in (*).
2. Special headers and side-entry type RE and RF headers are also available. For details, refer to pages RE series and RF series.

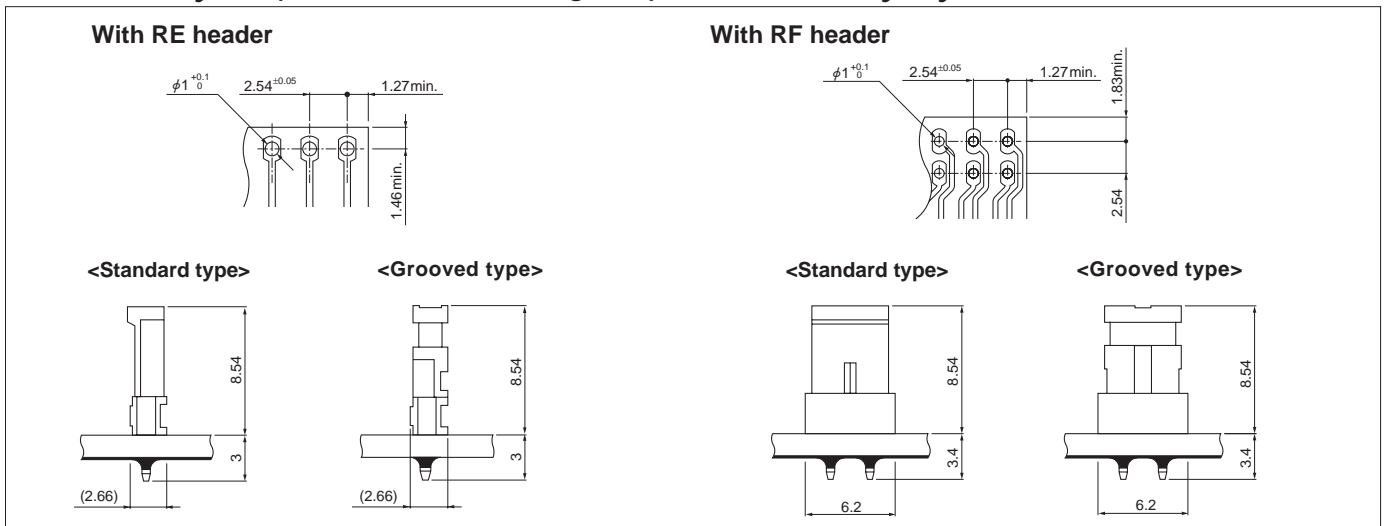
Tin-plated product

| Model No. | Material | | Finish |
|-----------------|---------------------|-------|---|
| | Wafer | Post | |
| RE-H()2TD-1190 | PBT, UL94V-0, black | Brass | Copper-undercoated, tin-plated (reflow treatment) |
| RF-H()2TD-1190 | | | |

RoHS compliance

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

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



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.