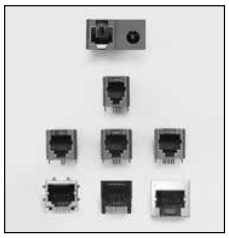
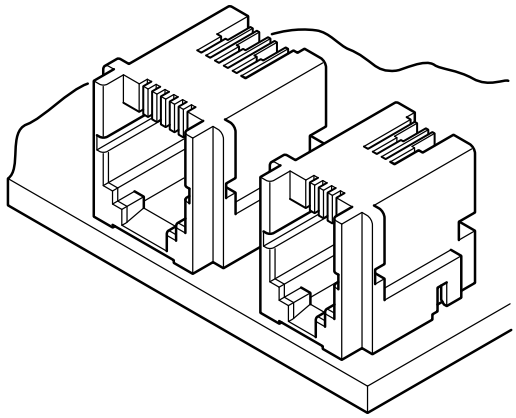


MJ CONNECTOR

Modular jack connectors



- **Upper contact point (Normal type)**
- **Metal hook**
- **Shielding effect**
- **Grounding**
- **Correspond to high-speed LAN transmission (MJ-88U-SD315K-T)**

Specifications

- Current rating: 1.3 A AC/DC
- Voltage rating: 250 V AC/DC
- Temperature range: −40℃ to +80℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20 mΩ max.
  After environmental tests/ 40 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 1,000 VAC/minute
- Applicable PC board thickness: 1.6 mm
  2.4 mm (8 circuits straight type)

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

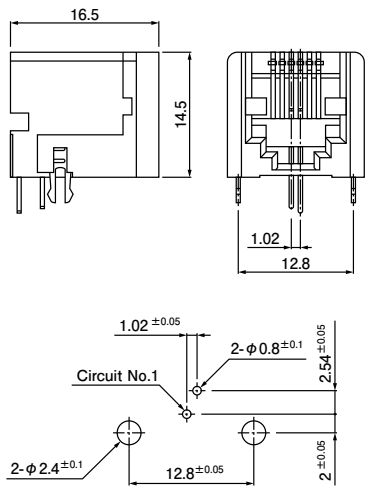
Standards

Recognized E174260
Certified LR20812
Conforms to FCC Standard
(6 circuits and 8 circuits MJ connector)

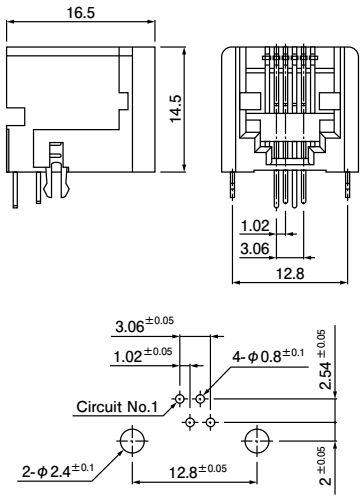
Connector and PC board layout

Normal type

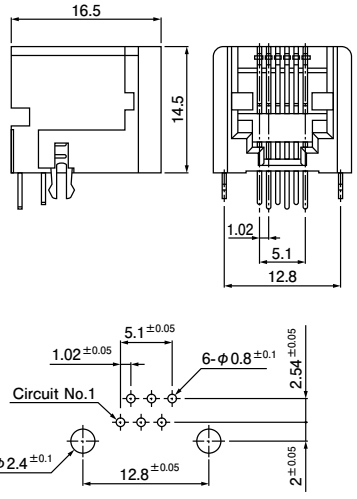
2/6 type



4/6 type



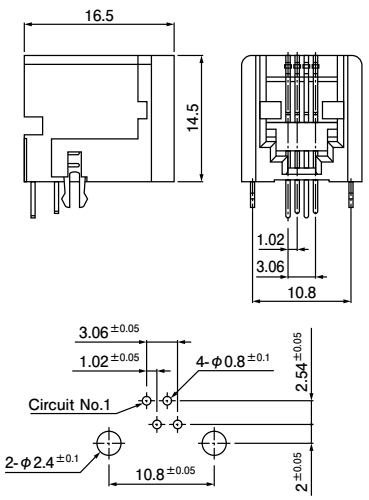
6/6 type



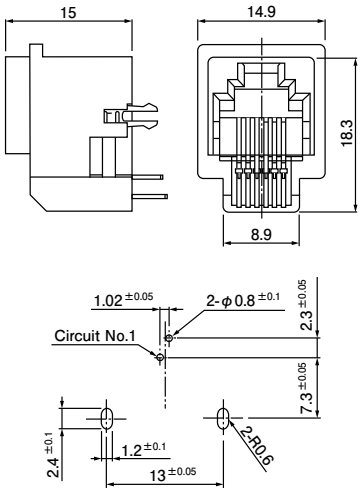
Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method.
The dimensions above should serve as a guideline. Contact JST for details.

Connector and PC board layout

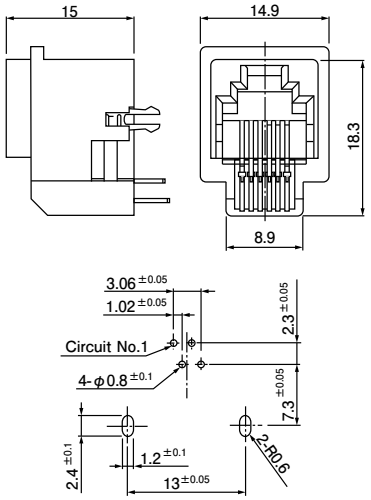
Normal type
4/4 type



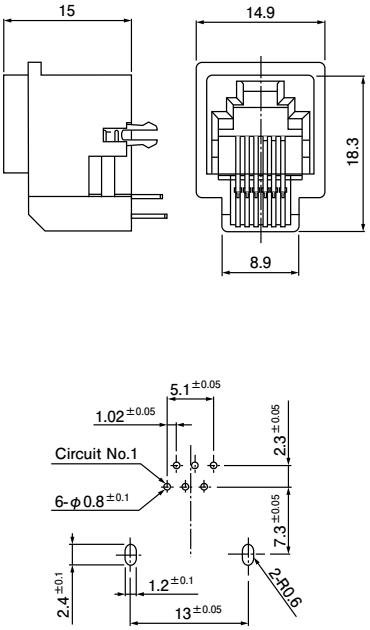
Straight type
2/6 type



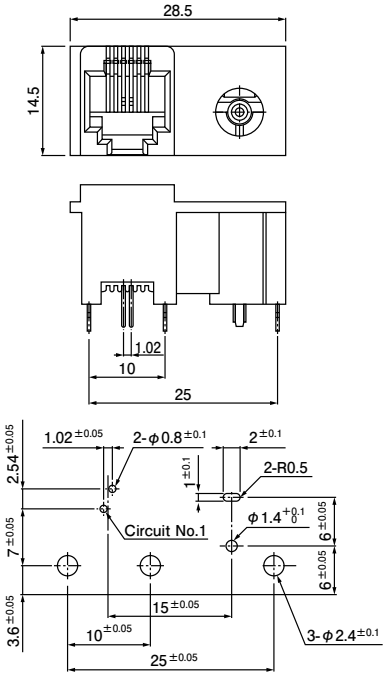
4/6 type



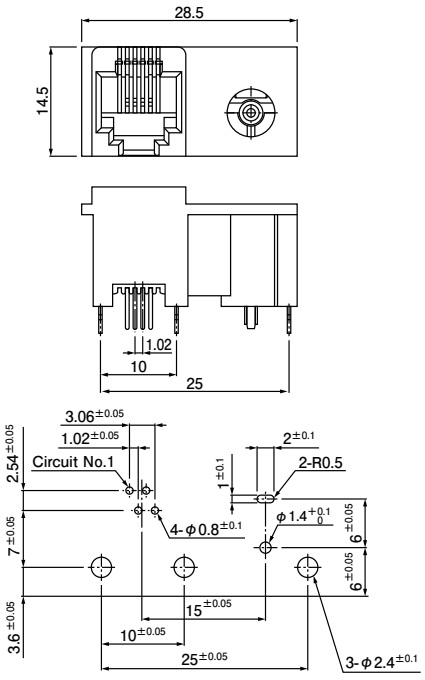
Straight type
6/6 type



2/6 type with DC jack



4/6 type with DC jack



Type		No. of circuits	Model No.	Q'ty/box
Normal type	2/6	2	**MJ-62J-RD315**	270
	4/6	4	**MJ-64J-RD315**	270
	6/6	6	**MJ-66J-RD315**	270
	4/4	4	**MJ-44J-RD315**	306
Straight type	2/6	2	**MJ-62C-SD335**	180
	4/6	4	**MJ-64C-SD335**	180
	6/6	6	**MJ-66C-SD335**	180
	2/6 with DC jack	2	**MJ-62D-SD335**	108
	4/6 with DC jack	4	**MJ-64D-SD335**	108

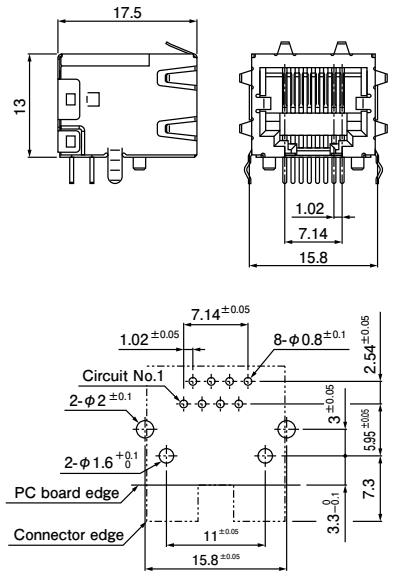
RoHS2 compliance Normal type displays (LF)(SN) on a label.
The product with DC jack displays (LF) on a label.

Material and Finish
Contact: Normal type/ Phosphor bronze, nickel-undercoated, Mating part: gold-plated 1.27 µm min. Solder tail: tin-plated (reflow treatment) Straight type/ Phosphor bronze, nickel-undercoated, Mating part: gold-plated 1.27 µm min. Overall: gold-plated (flash) Housing: Glass-filled PBT, UL94V-0 Hook pin: Brass, tin-plated (reflow treatment) Moving contact (spring): Copper alloy, tin-plated (reflow treatment) [with-DC-jack type only] Stationary contact (pin): Brass, nickel-undercoated, tin/copper alloy-plated [with-DC-jack type only]

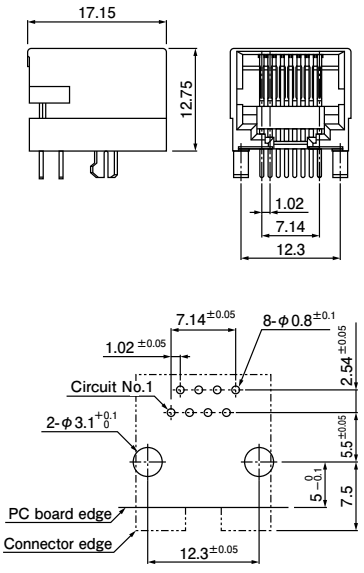
Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

Connector and PC board layout

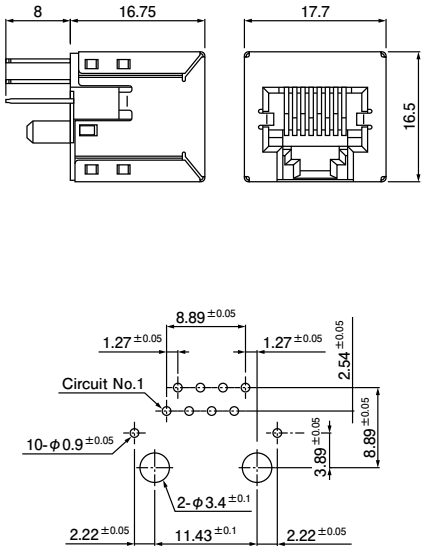
Normal type (with shielding)
<8 circuits>



Normal type (with plastic hook)
<8 circuits>



Straight type (with shielding)
<8 circuits>



Type	No. of circuits	Model No.	Q'ty/box
Normal type (with shielding)	8	**MJ-88H-RD315K**	520
Normal type (with plastic hook)	8	**MJ-88R-RD315K**	520
Straight type (with shielding)	8	**MJ-88U-SD315K-T**	144

Material and Finish

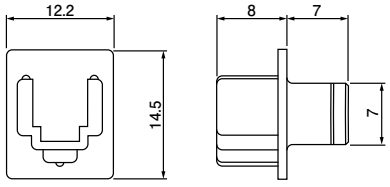
Contact: Phosphor bronze, nickel-undercoated, Mating part: gold-plated 1.27 µm min.
Solder tail: tin-plated (reflow treatment)
Housing: Glass-filled PBT, UL94V-0 (Normal type)
Glass-filled LCP, UL94V-0 (Straight type)
Shield cover: Phosphor bronze, tin-plated (reflow treatment) [Normal type, Straight type]
Shield pin: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) [Straight type]

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

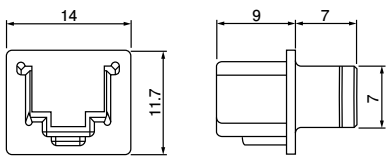
Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC board and piercing method.
The dimensions above should serve as a guideline. Contact JST for details.
4. Straight type product is designed for pressing the boss of housing into a PC board and mounting it on a PC board.

Cap for dust

<6 circuits>



<8 circuits>



No. of circuits	Model No.	Q'ty/box
6	**MJ-JP56K**	500
8	**MJ-JP68K**	1,000

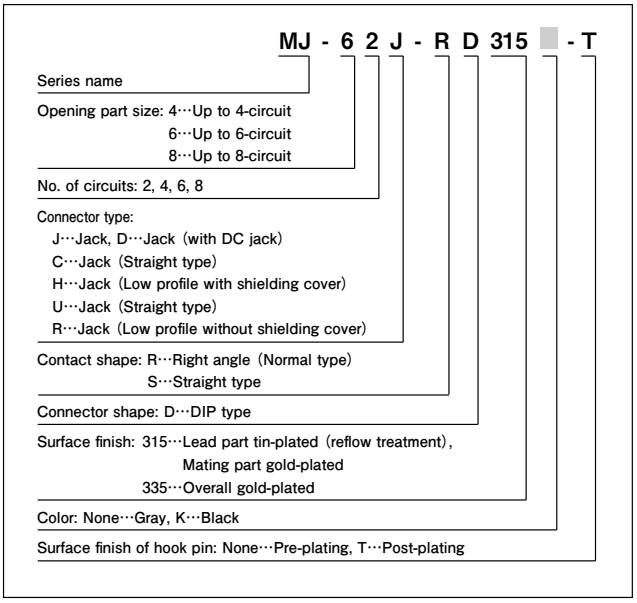
Material and Finish

MJ-JP56K: PA 66, UL94V-0
MJ-JP68K: PBT, UL94V-0

RoHS2 compliance
Note: Unlisted in UL/CSA.

Model number allocation

Connector



Cap for duct