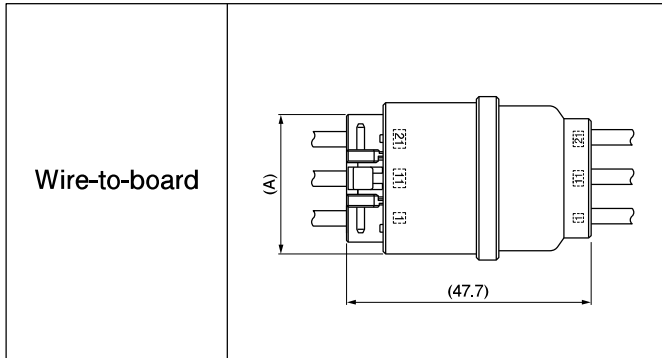


J300 SERIES/J330

Assembly layout



* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.

- * Dimensional unit : mm
- * RoHS2 Compliance
- * Contact JST for details.

Specifications

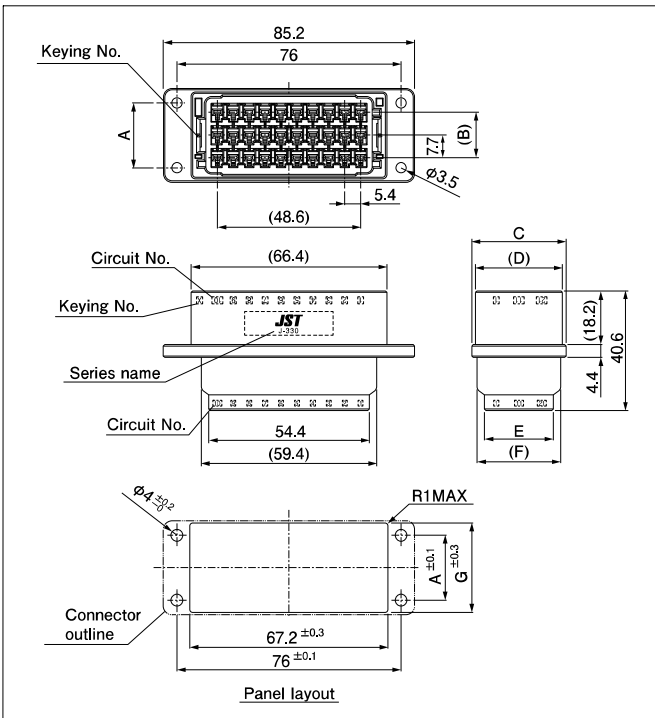
• Current rating: AC/DC

Current unit: A

| No. of circuits | Wire size (AWG) | | | | Dimensions (mm) | |
|-----------------|-----------------|-----|-----|-----|-----------------|--|
| | #14 | #16 | #18 | #20 | A | |
| 30 | 8.5 | 7.0 | 5.5 | 4.0 | 27.2 | |
| 40 | 8.5 | 7.0 | 5.5 | 4.0 | 34.9 | |

- Voltage rating: 600 V AC/DC
- Temperature range: -55°C to +105°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 5 mΩ max.
After environmental tests/ 10 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 2,200 VAC/minute
- Applicable wire: AWG #28 to #14

Receptacle housing (Reverse type Panel mounting type)



| No. of circuits | Keying | Model No. | Dimensions (mm) | | | | | | | Q'ty /box |
|-----------------|--------|-----------------|-----------------|------|------|------|------|------|------|-----------|
| | | | A | B | C | D | E | F | G | |
| 30 | X | F33FRTPA-30V-KX | 22.0 | 15.4 | 31.9 | 29.5 | 23.3 | 28.3 | 30.3 | 56 |
| | Y | F33FRTPA-30V-SY | 22.0 | 15.4 | 31.9 | 29.5 | 23.3 | 28.3 | 30.3 | 56 |
| | Z | F33FRTPA-30V-EZ | 22.0 | 15.4 | 31.9 | 29.5 | 23.3 | 28.3 | 30.3 | 56 |
| 40 | X | F33FRFPA-40V-KX | 29.7 | 23.1 | 39.6 | 37.2 | 31.0 | 36.0 | 38.0 | 12 |
| | Y | F33FRFPA-40V-SY | 29.7 | 23.1 | 39.6 | 37.2 | 31.0 | 36.0 | 38.0 | 12 |
| | Z | F33FRFPA-40V-EZ | 29.7 | 23.1 | 39.6 | 37.2 | 31.0 | 36.0 | 38.0 | 12 |
| | W | F33FRFPA-40V-MW | 29.7 | 23.1 | 39.6 | 37.2 | 31.0 | 36.0 | 38.0 | 12 |

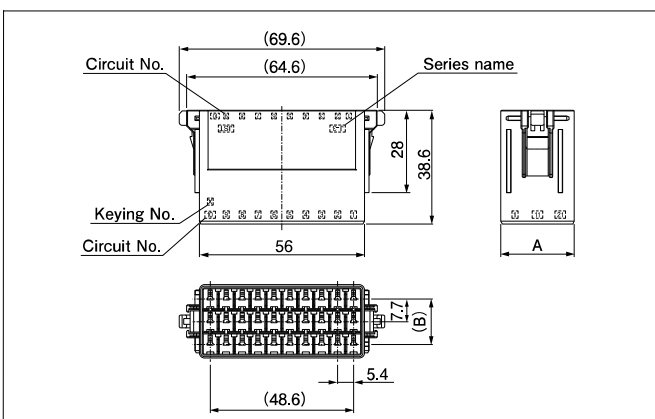
Material and Surface finish, etc.

Glass-filled PBT, UL94V-0, X-Keying (black), Y-Keying (white), Z-Keying (blue), W-Keying (green)

RoHS2 compliance

- Note:
1. Punch holes in the panel. Burrs must be removed.
 2. The strength of the panel must be considered when punching two or more holes.
 3. The connector must be inserted from the same side as the hole is punched.
 4. Unlisted in UL/TÜV.

Tab housing (Reverse type)



| No. of circuits | Keying | Model No. | Dimensions (mm) | | Q'ty /box |
|-----------------|--------|----------------|-----------------|------|-----------|
| | | | A | B | |
| 30 | X | F33MRFS-30V-KX | 24.9 | 15.4 | 64 |
| | Y | F33MRFS-30V-SY | 24.9 | 15.4 | 64 |
| | Z | F33MRFS-30V-EZ | 24.9 | 15.4 | 64 |
| 40 | X | F33MRFS-40V-KX | 32.6 | 23.1 | 64 |
| | Y | F33MRFS-40V-SY | 32.6 | 23.1 | 64 |
| | Z | F33MRFS-40V-EZ | 32.6 | 23.1 | 64 |
| | W | F33MRFS-40V-MW | 32.6 | 23.1 | 64 |

Material and Surface finish, etc.

Glass-filled PBT, UL94V-0, X-Keying (black), Y-Keying (white), Z-Keying (blue), W-Keying (green)

RoHS2 compliance

Note: Unlisted in UL/TÜV.