

RCJ6FA

3 pole XLR female receptacle with 1/4" stereo jack without switching contact



Article Variations

| Article Name | Details | Packaging |
|--------------|---|-----------|
| RCJ6FA-H | Horizontal PCB contacts, locking latch | BULK |
| RCJ6FA-H-0 | Horizontal PCB contacts, retention spring | BULK |
| RCJ6FA-V | Vertical PCB contacts, locking latch | BULK |
| RCJ6FA-V-0 | Vertical PCB contacts, retention spring | BULK |

Technical Information

Product

| | |
|------------------------|-----------------|
| Title | RCJ6FA |
| Connection Type | XLR/Jacks Combo |

Electrical

| | |
|---|-----------|
| Contact resistance - XLR | ≤ 15 mΩ |
| Contact resistance - 1/4" Jack | ≤ 25 mΩ |
| Dielectric strength | 1500 V dc |
| Insulation resistance - initial | ≥ 0.5 GΩ |
| Insulation resistance -after damp heat | ≥ 0.2 GΩ |
| Rated current per Contact - XLR | 3 A |
| Rated current per Contact - 1/4" Jack | 3 A |
| Rated voltage | 50 V ac |

Mechanical

| | |
|---------------------------|--|
| Lifetime | > 1'000 mating cycles |
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Panel thickness | max. 3 mm (0.12") |
| Wiring | PCB mount |
| Locking device | Latch lock |
| Mounting direction | Rear mounting |
| Mounting screw | Self-tapping Plastite® screw with thread 2.9 x 1.06 and tri-rondular configuration |

Material

| | |
|------------------------------------|-------------------------|
| Shell | PA 6.6 30% GR |
| Contacts | CuSn6 |
| Contact plating - XLR | Au / Ag (G, TN, RN, SN) |
| Contact plating - 1/4" Jack | Au (TRS) |
| Locking latch | CK 65Mn steel |

Environmental

| | |
|------------------------------|-----------------------------------|
| Flammability | UL 94 V0 |
| Operating temperature | -20°C to +70°C |
| Solderability | complies with IEC68-2-20 |
| Environmental | complies with EU RoHS 2 and REACH |