

Plugs & Jacks

Musician / OEM Range 1/4" Phone Jacks

1/4" JACKS TECHNICAL DATA

| | | VALUE |
|-----------------------------------|---|--|
| GENERAL CHARACTERISTICS | Number of Contacts | 2 Pole (Mono) 3 Pole Tip Ring Sleeve (Stereo) |
| | Termination | Solder, PCB or Combo |
| | Flammability rating of insulating plastics | UL94V-0 |
| | Solderability, complies with | IEC 68-2-20 |
| | Environmental | Complies with EU RoHS 2 Directive 2011/65/EU |
| ELECTRICAL CHARACTERISTICS | Current Carrying Capacity | 10A (Depends on Mating Connector and Cable) |
| | Typical Contact Resistance | ≤10mΩ |
| | Insulation resistance (initial) After Damp Heat Test | >2GΩ ≥10 ³ Meg Ω |
| | Rated Voltage Test Voltage AC RMS: Dielectric Strength | 34V 500V |
| CLIMATIC CHARACTERISTICS | Protection Class | IP40 |
| | Operating Temperature | -25°C to +70°C (-13°F to 158°F) |
| MECHANICAL CHARACTERISTICS | Insertion and Withdrawal Force | ≥10N - ≤30N |
| | Mating Cycles | Min. of 10,000 cycles |
| | Weight - Straight - Right Angle | 18g (0.039lb) 25g (0.055lb) |
| MATERIALS | Connector Housing | Nylon PA66 30% Glass Filled |
| | Metal Nut | Brass |
| | Plastic Nut | Nylon PA66 30% Glass Filled |
| | Washer | Fiber / Brass / Nylon PA66 30% Glass Filled |
| | Contact Plating | Tin - 4μm Min. over 2μm Min.Cu (Copper) Silver - 0.3μm Min. over 2μm Min.Cu (Copper) Nickel - 2μm Min. over 2μm Min.Cu (Copper) Gold Flash - 0.05μm Min. over 2μm Min.Cu (Copper) |
| | Contacts | Brass / Sn (Tin) over Cu (Copper) |

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¹Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.