

AUDIO PLUGS SPECIFICATIONS

GENERAL CHARACTERISTICS AND SPECIFICATIONS:

- **Number of Contacts** - 2 Pole (Mono) and 3 Pole Tip Ring Sleeve (Stereo)
- **Termination** - Solder, PCB or Combo
- **Max. Wire Gauge** - 2 Pole (Mono): AWG 16-1.5mm
- 3 Pole (Stereo): AWG 18.1mm
- **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** - Depends on Mating Connector
- **Insulation resistance (initial)** >2G ohm, **After Damp Heat Test** >1G ohm
- **Dielectric Withstand Voltage** - 2 Pole : 1.5 kV dc and 3 Pole : 1 kV dc

ENVIRONMENT CHARACTERISTICS:

- **Protection Class** - IP40
- **Operating Temperature:** -25°C to +75°C (-13°F to + 167°F)

MATERIAL:

- **Connector Shell Material (Plugs)** - Diecast Zinc Alloy EZDA No.3
- **Connector Shell Material (Jacks)** - UL94 V-0 PBT Modified PPO Resin - Black
- **Connector Shell Finish** - Satin Nickel, Nickel or Black Polyester
- **Insulators** - UL94 V-0 PBT Resin or Modified PPE Resin and fibreglass laminats
- **Cable Bushing** - Santoprene
- **Contacts / Plating (Plugs)** - Brass / Ni over Cu (Copper)
- **Contacts / Plating (Jacks)** - Brass / Sn (Tin) over Cu (Copper)

MECHANICAL CHARACTERISTICS:

- **Insertion and Withdrawal Force** - Plus/Minus 10N - 30N
- **Cable O.D. (Plugs)** - 6mm (0.236")