

Specifications

1/4" Phone Plugs MIL / B-Gauge Type 0.173" Bantam Type 3.5 mm Stereo Plugs
 SILENT & CRYSTAL
 timbrePLUG & jumboPLUG

Electrical

| | | | | | |
|------------------------|-----------------------------|--------|---|---|---|
| Rated current: | depends on mating connector | ● | ● | ● | ● |
| Contact resistance: | depends on mating connector | ● | ● | ● | ● |
| Insulation resistance: | - initial: | > 2 GΩ | ● | ● | ● |
| | - after damp heat test: | ≥ 1 GΩ | ● | ● | ● |
| Dielectric strength | 1 kV dc | ● | ● | ● | ● |

Mechanical

| | | | | | |
|--------------------------------|------------------|---------------------|----------------|---------|---------|
| Lifetime > 1'000 mating cycles | | ● | ● | ● | ● |
| Wiring: | solder terminals | ● | ● | ● | ● |
| Wire size | mm ² | 1 | 1 (NP3CM: 0.5) | 0.25 | 0.22 |
| | AWG | 18 | 18 (NP3CM: 20) | 24 | 24 |
| Cable O.D.: | mm | 4 – 7 (≤ 10: NP*XL) | 4 – 7 | 4 – 4.8 | 2 – 4.5 |

Materials

| | | | | |
|-----------------------|-----------------------------------------------------|---------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|
| Shell: | Zinc diecast (ZnAl4Cu1) Ni or black Cr plated | Brass (CuZn39Pb3) black or red coated | Brass (CuZn39Pb3) 2 μm Ni (Su) plated PA 6 30 % GR | Zinc diecast (ZnAl4Cu1) Ni or black Cr plated PA 6.6 15% GR |
| Insulation: | Polyamide (PA 6.6 30 % GR) | ● | ● | ● |
| Contacts: | Brass (CuZn39Pb3) 2 μm Ni (Su) or Au plated | ● | ● or Brass | ● (Tip: CuSn6) 2 μm TRIBOR® (NiP-AuCo) |
| Chuck: | POM | POM | - | POM |
| Bushing: | POM + PU | - | - | CuZn39Pb3 + PU (Ni or black Chrome) |
| Rubber shell-overlay: | EPDM | - | - | - |

Environmental

| | | | | | |
|--------------------|---------------------------|---|---|---|---|
| Temperature range: | -20 °C to +65 °C | ● | ● | ● | ● |
| Solderability: | Complies with IEC 68-2-20 | ● | ● | ● | ● |