

General Description

Fully compliant with IEC 61076-2-103, the AXCS Series connectors deliver exceptional electrical performance and long-term reliability in demanding professional environments. Designed for use in microphone, audio, and A/V equipment wiring, these high quality cable mounted plugs ensure consistent performance and robust mechanical integrity.

The connector body is manufactured from precision die cast zinc alloy, lathe finished for a smooth finish before black chrome plated to ensure durability and an attractive surface finish. A high strength, temperature resistant PBT insulator provides excellent electrical insulation and high voltage resistance.

The contact pins are produced from brass and plated in gold to ensure efficient conductivity and extended mating life. Plastic gland and cable clamps accommodate cable diameters between 4.8 and 6.9mm, providing secure strain relief during installation.



Electrical

| | |
|---------------------------------|-------------------------------------|
| Current Rating | 3 Pin - 16A 4 and 5 Pin - 10A |
| Dielectric Withstanding Voltage | 1500V DC |
| Contact Resistance | <3mΩ |
| Insulation Resistance | >2GΩ |
| Capatitance between contacts | 3 Pin - ≤4Pf, 4 and 5 Pin - ≤7Pf |

Environmental

| | |
|-----------------|-------|
| Insertion Force | ≤20N |
| Mating Cycles | >1000 |

Materials

| | |
|-------------|-------------------|
| Centre Pins | Brass/Gold |
| Metal Parts | Zinc/Black Chrome |

Processing

| | |
|----------|--|
| Cable OD | 4.8 to 6.9mm |
| AWG | 3 Pin - 2.5mm/14AWG, 4 Pin - 1.5mm/16AWG 5 Pin - 1.0mm/18AWG |

Available in different pin variations :

AXCS-3P-ZBDG4-B- 3 Pin

AXCS-4P-ZBDG4-B – 4 Pin

AXCS-5P-ZBDG4-B- 5 Pin

