

## General Description

This high quality, cable mounted socket features a robust two piece body with a screw lock body clamp design. Its insulated core is enclosed within a durable metal shell equipped with a secure press locking mechanism, making it an excellent choice for traditional audio cable assembly applications.

The body is precision die cast from zinc alloy and lathe-finished for enhanced accuracy, strength, and durability, then nickel-plated for added corrosion resistance. Precision machined brass pins are silver plated to deliver superior conductivity and audio performance. The integrated strain relief system supports cable diameters up to 6.4 mm

### Key Features:

- Robust two-piece body with a screw lock body clamp
- Durable metal shell with secure press-locking mechanism
- Silver-plated, precision-machined brass pins for superior conductivity
- Integrated strain relief for cables up to 6.4mm diameter
- Available as a standalone connector or pre-assembled cable solution



## Electrical

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

## Environmental

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

## Materials

|             |              |
|-------------|--------------|
| Centre Pins | Brass/Silver |
| Metal Parts | Zinc/ Nickel |

## Processing

|          |  |
|----------|--|
| Cable OD | 6.4mm  |
| AWG      | 3 Pin - 2.5mm/14AWG,<br>4 Pin - 1.5mm/16AWG<br>5 Pin - 1.0mm/18AWG |

Available in different pin variations :  
 AXCS-3S-ZNDS3-BG- 3 Pin  
 AXCS-4S-ZNDS3-BG- 4 Pin  
 AXCS-5S-ZNDS3-BG- 5 Pin

