



NC5MDM3-H-1

5 pole male receptacle, horizontal PCB mount, nickel housing, silver contacts, M3 mounting holes

Features a compact all metal housing with an ingenious duplex ground contact, which offers an excellent RF protection and shielding.

Insert is NOT removable from shell.

Features & Benefits

- All metal housing offer the best RF protection and an electromagnetic shielding.
- Duplex ground contact for an excellent contact integrity between chassis and cable connector
- The male connector retention bar replaces the plastic design with an all metal version improving the pull-out-force.
- Optional connection to easily join pin1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions
- Insert is NOT removable from shell.
- PCB mount termination

Technical Information

| Product | |
|-----------------|-------------|
| Title | NC5MDM3-H-1 |
| Connection Type | XLR |
| Gender | male |

| Electrical | |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 7 \text{ pF}$ |
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| Dielectric strength | 1.5 kVdc |
| Insulation resistance | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 7.5 A |
| Rated voltage | $< 50 \text{ V}$ |

| Mechanical | |
|--------------------|--------------------------------|
| Insertion force | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiring | Horizontal PCB mount |
| Locking device | Latch lock |
| Mounting direction | Rear mounting |
| Chassis shape | D |
| Mounting | Mounting holes with M3 threads |

| Material | |
|-----------------|----------------------------|
| Contact plating | Ag |
| Contacts | Brass (CuZn39Pb3) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67 |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |

| Environmental | |
|-------------------|------------------|
| Flammability | UL 94 V0 |
| Temperature range | -30 °C to +80 °C |