



NC5MD-LX-B

5 pole male receptacle, solder cups, black metal housing, gold contacts

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

Features & Benefits

- ✓ All metal housing offers best overall RF protection and electromagnetic shielding
- ✓ Duplex ground contact for excellent contact integrity between chassis and cable connector
- ✓ Male connector's retention bar replaces plastic design with all metal version improving pull-out force
- ✓ Larger solder contacts for easier termination
- ✓ Optional connection to easily join pin1 to chassis ground
- ✓ D-style housing provides installation compatibility with industry standard D mounting dimensions

Technical Information

| Product | |
|-----------------|------------|
| Title | NC5MD-LX-B |
| 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 |
| Wiresize | max. 1.0 mm^2 |
| Wiresize | max. 18 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |
| Chassis shape | D |

Material

| | |
|-----------------|---|
| Contact plating | $2 \text{ }\mu\text{m Au over } 2 \text{ }\mu\text{m Ni}$ |
| Contacts | Brass (CuZn35Pb2) |
| Insert | Polyamide (PA66) |
| Locking element | Steel Ck67 |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Black KTL |

| Environmental | |
|---------------------|---------------------------|
| Flammability | UL 94 V-0 |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP 40 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |