



**THE DATASHEET OF
NC3MD-LX-B**





NC3MD-LX-B

3 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. It is the ideal match for mating with Neutrik's EMC XLR cable connector.

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 | NC3MD-LX-B |
| Connection Type | XLR |
| Gender | male |

Electrical

| | |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$ |
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 16 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. 2.5 mm^2 |
| Wiresize | max. 14 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 |

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