



## 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	≤ 7 pF
Contact resistance	≤ 5 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	7,5 A
Rated voltage	< 50 V

**Mechanical**

Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm <sup>2</sup>
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D

**Material**

Contact plating	2 μm Au over 2 μm 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