



## NC5MD-LX-M3

5 pole male receptacle, solder cups, Nickel housing, silver contacts, M3 mounting holes

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

**Technical Information**

Product	
<b>Title</b>	NC5MD-LX-M3
<b>Connection Type</b>	XLR
<b>Gender</b>	male

Electrical	
<b>Capacitance between contacts</b>	$\leq 7 \text{ pF}$
<b>Contact resistance</b>	$\leq 5 \text{ m}\Omega$
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	$> 10 \text{ G}\Omega$ (initial)
<b>Rated current per contact</b>	7,5 A
<b>Rated voltage</b>	$< 50 \text{ V}$

Mechanical	
<b>Insertion force</b>	$\leq 20 \text{ N}$
<b>Withdrawal force</b>	$\leq 20 \text{ N}$
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Wiresize</b>	max. $1.0 \text{ mm}^2$
<b>Wiresize</b>	max. 18 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	D
<b>Mounting</b>	Mounting holes with M3 threads

Material	
<b>Contact plating</b>	2 µm Ag over 2 µm Ni
<b>Contacts</b>	Brass (CuZn35Pb2)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Nickel

Environmental	
<b>Flammability</b>	UL 94 HB
<b>Standard compliance</b>	IEC 61076-2-103
<b>Protection class</b>	IP 40
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C