



## NC5MD-LX

5 pole male receptacle, solder cups, Nickel housing, silver 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
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. $1.0 \text{ mm}^2$
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D

Material	
<b>Contact plating</b>	2 µm Ag over 2 µm Ni
<b>Contacts</b>	Brass (CuZn35Pb2)
<b>Insert</b>	Polyamide (PA66)
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Nickel

Environmental	
<b>Flammability</b>	UL 94 V-0
<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