



## NC4FD-LX-M3-BAG

4 pole female receptacle, solder cups, black 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
- Duplex ground contact for excellent contact integrity between chassis and cable connector
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- 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	NC4FD-LX-M3-BAG
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 7$ pF
Contact resistance	$\leq 5$ m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10$ G $\Omega$ (initial)
Rated current per contact	10 A
Rated voltage	$< 50$ V max. 16 AWG

Mechanical	
Insertion force	$\leq 20$ N
Withdrawal force	$\leq 20$ N
Lifetime	$> 1000$ mating cycles
Wiresize	max. 1.5 mm <sup>2</sup>
Wiresize	max. 16 AWG
Wiring	Solder contacts
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	D
Mounting	Mounting holes with M3 threads

## Material

<b>Contact plating</b>	2 µm Ag
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	PA66
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Black chromium

## 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