



## NC4FD-LX-BAG

4 pole female receptacle, solder cups, black metal 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
- 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	
<b>Title</b>	NC4FD-LX-BAG
<b>Connection Type</b>	XLR
<b>Gender</b>	female

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>	10 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. $1.5 \text{ mm}^2$
<b>Wiresize</b>	max. 16 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock
<b>Chassis shape</b>	D

Material	
<b>Contact plating</b>	2 µm Ag over 2 µm Ni
<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