



# NC5FD-LX-B

5 pole female 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
- ✓ 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		NC5FD-LX-B
Connection Type		XLR
Gender		female

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 mm²
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 (CuZn39Pb3)
Insert	PA66
Locking element	Steel Ck67
Locking element plating	Nickel
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	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