



## 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
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- 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	
Title	NC5FD-LX-B
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	$\leq 5 \text{ m}\Omega$
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
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