

# NC7FD-LX-B

7 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 hide

Product	
Title	NC7FD-LX-B
Connection Type	XLR
Gender	female
Electrical	
Capacitance between contacts	$\leq 9$ pF
Contact resistance	$\leq 5$ m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10$ G $\Omega$ (initial)
Rated current per contact	5 A
Rated voltage	$< 50$ V
Mechanical	
Insertion force	$\leq 20$ N
Withdrawal force	$\leq 20$ N
Lifetime	$> 1000$ mating cycles
Wiresize	max. 1.0 mm <sup>2</sup>
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D
Material	
Contact plating	0.2 $\mu$ m Au hard alloy over 2 $\mu$ m Ni

Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
<b>Environmental</b>	
Flammability	UL 94 HB
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C

## Accessories

CAS-DUMMY



DBA-BL



DSS-\*



MFD



NDF



SCDF



SCDP-\*



SCDR



SCDX



SCF



SCCD-W

