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# NC3FD-LX-HE

3 pole female receptacle, solder cups, velour-chromium housing, machined gold contacts

Exclusive version of standard DLX Series. Valuable velour chromium plating. Extra high temperature resistant insulator material.



## Downloads

-  [Product Guide 2012, 02 XLR](#)
-  [UL Certificate of Compliance](#)
-  [Drawings NC3FD-LX-HE](#)
-  [Drawings NC3FD-LX-HE](#)

## Links

-  [UL Certificate \(ECBT2.E135070\)](#)

## Features & Benefits

- Extra high temperature resistant insulator material
- Flammability UL94V-0
- Machined female contacts
- Valuable velour chromium plating of shell
- All metal housing offers best overall RF protection and electromagnetic shielding
- New 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 pin 1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions

## Technical Information [hide](#)

### Product

Title NC3FD-LX-HE

Connection Type XLR

Gender female

### Electrical

Capacitance between contacts  $\leq 4$  pF

Contact resistance  $\leq 5$  m $\Omega$  (inner)

Dielectric strength 1,5 kVdc

Insulation resistance  $> 2$  G $\Omega$  (initial)

Rated current per contact 16 A

Rated voltage	50 V
<b>Mechanical</b>	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm <sup>2</sup>
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D
<b>Material</b>	
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Brass (CuZn35Pb2)
Insert	Polyphenylene Sulfide (PPS 40% GR)
Locking element	Stahl Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Velour Chromium
<b>Environmental</b>	
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

## Accessories

