

## **NC3FD-L-B-1**

3 pole female receptacle, solder cups, black metal housing, gold contacts

Universal D-size metal body XLR panel mount series. UL recognized component.



### **Features & Benefits**

- Robust "D" metal shell
- Solder cups on 3 - 7 pole version
- Standardized D sized 24 mm panel cutout

## Technical Information

Product	
<b>Title</b>	NC3FD-L-B-1
<b>Connection Type</b>	XLR
<b>Gender</b>	female

Electrical	
<b>Capacitance between contacts</b>	≤ 4 pF
<b>Contact resistance</b>	≤ 5 mΩ
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	> 2 GΩ (initial)
<b>Rated current per contact</b>	16 A
<b>Rated voltage</b>	< 50 V

Mechanical	
<b>Insertion force</b>	≤ 20 N
<b>Withdrawal force</b>	≤ 20 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	max. 2.5 mm <sup>2</sup>
<b>Wiresize</b>	max. 14 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock
<b>Chassis shape</b>	D

Material	
<b>Contact plating</b>	0.2 μm Au hard alloy over 2 μm Ni
<b>Contacts</b>	Bronze (CuSn8)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Black chromium

Environmental	
<b>Approvals</b>	UL
<b>Flammability</b>	UL 94 HB
<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