

# 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
- Standardized D sized 24 mm panel cutout
- Solder cups on 3 - 7 pole version

## Technical Information [hide](#)

### Product

Title	NC3FD-L-B-1
Connection Type	XLR
Gender	female

### Electrical

Capacitance between contacts	$\leq 4$ pF
Contact resistance	$\leq 5$ m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 2$ G $\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50$ V

### Mechanical

Insertion force	$\leq 20$ N
Withdrawal force	$\leq 20$ 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

### Material

Contact plating	0.2 $\mu$ m Au hard alloy over 2 $\mu$ m Ni
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67

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Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
<b>Environmental</b>	
Approvals	UL
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



MFD



NDF



SCDF



SCDP-\*



SCDR



SCDX



SCF



SCCD-W



DBA-BL



DSS-\*

