



## NC3FD-V-B

3 pole female receptacle, vertical PCB mount, black metal housing, gold contacts

Universal D-size metal body XLR panel mount series for pcb mount applications. Insert is removable from shell for ease assembling. UL recognized component.

### Features & Benefits

- D-shape metal shell
- Insert is removable from rear of connector and locked into place by internal latch - permitting assembling and testing of pcb before assembling into housing
- Optimal RF protection using 3 shield contacts.
- Front or rear panel mount

## Technical Information

Product	
<b>Title</b>	NC3FD-V-B
<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>	> 10 GΩ (initial)
<b>Rated current per contact</b>	6 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>	
<b>Wiring</b>	vertical PCB mount
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	D

Material	
<b>Contact plating</b>	0.2 μm Au hard alloy over 2 μm Ni
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	PA66
<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 V-0
<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