



## NC3FDM3-H-B

3 pole female receptacle, horizontal PCB mount, black metal housing, gold contacts, M3 mounting holes

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

Technical Information

Product	
Title	NC3FDM3-H-B
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 4\text{ pF}$
Contact resistance	$\leq 5\text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10\text{ G}\Omega$ (initial)
Rated current per contact	6 A
Rated voltage	$< 50\text{ V}$

Mechanical	
Insertion force	$\leq 20\text{ N}$
Withdrawal force	$\leq 20\text{ N}$
Lifetime	$> 1000$ mating cycles
Wiresize	
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	D
Mounting	Mounting holes with M3 threads

Material	
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Bronze (CuSn6)
Insert	PA66
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium

Environmental	
Approvals	UL
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