



NC5FDM3-H

*** DISCONTINUED ***

Direct replacement / successor: NC5FDM3-H-1

5 pole female receptacle, horizontal PCB mount,
Nickel housing, silver contacts, M3 mounting holes

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
- PCB mount termination

Technical Information

Product	
Title	NC5FDM3-H
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 7\text{ pF}$
Contact resistance	$\leq 5\text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10\text{ G}\Omega$ (initial)
Rated current per contact	7,5 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	2 µm Ag over 2 µm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA66)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel

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