



NC5FDM3-H-1

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

Features a compact all metal housing with an ingenious duplex ground contact, which offers an excellent RF protection and shielding.

Insert is NOT removable from shell.

Features & Benefits

- The all metal housing offers the best RF protection and an electromagnetic shielding.
- Duplex ground contact for an excellent contact integrity between chassis and cable connector
- Optional connection to easily join pin1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions
- Insert is NOT removable from shell.
- PCB mount termination

Technical Information

Product	
Title	NC5FDM3-H-1
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 5 m Ω
Dielectric strength	1.5 kVdc
Insulation resistance	> 10 G Ω (initial)
Rated current per contact	7.5 A
Rated voltage	< 50 V

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	D
Mounting	Mounting holes with M3 threads

Material	
Contact plating	Ag
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel

Environmental	
Flammability	UL 94 V0
Temperature range	-30 °C to +80 °C