



## NC5MDM3-H-1

5 pole male 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

- All metal housing offer the best RF protection and an electromagnetic shielding.
- Duplex ground contact for an excellent contact integrity between chassis and cable connector
- The male connector retention bar replaces the plastic design with an all metal version improving the pull-out-force.
- 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	
<b>Title</b>	NC5MDM3-H-1
<b>Connection Type</b>	XLR
<b>Gender</b>	male

Electrical	
<b>Capacitance between contacts</b>	$\leq 7$ pF
<b>Contact resistance</b>	$\leq 5$ m $\Omega$
<b>Dielectric strength</b>	1.5 kVdc
<b>Insulation resistance</b>	$> 10$ G $\Omega$ (initial)
<b>Rated current per contact</b>	7.5 A
<b>Rated voltage</b>	$< 50$ V

Mechanical	
<b>Insertion force</b>	$\leq 20$ N
<b>Withdrawal force</b>	$\leq 20$ N
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Wiring</b>	Horizontal PCB mount
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	D
<b>Mounting</b>	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