



## NC3MBH

3 pole male XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, steel retention lug, horizontal PCB mount

Same as A series with exception of a metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC practice. UL recognized component.

### Features & Benefits

- Smallest XLR receptacles, highest packing density
  - Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
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- Housing flammability UL94V-0

## Technical Information

Product	
<b>Title</b>	NC3MBH
<b>Connection Type</b>	XLR
<b>Gender</b>	male

Electrical	
<b>Capacitance between contacts</b>	$\leq 4 \text{ pF}$
<b>Contact resistance</b>	$\leq 6 \text{ m}\Omega$
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	$> 10 \text{ G}\Omega$ (initial)
<b>Rated current per contact</b>	6 A
<b>Rated voltage</b>	$< 50 \text{ V}$
<b>Grounding Options</b>	yes , separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	B
Mounting	B-Screw

Material	
Contact plating	0.2 µm AuCo over 2µm NiP15 (Tribor®)
Contacts	Brass (CuZn35Pb2)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Ck 67 steel, treated
Ring	Zinc diecast (ZnAl4Cu1), gal Ni

Environmental	
Approvals	UL
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C