



NC3MBV-1

3 pole male XLR receptacle, grounding: mating connector shell to pin1 and front panel, steel retention lug, vertical 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	
Title	NC3MBV-1
Connection Type	XLR
Gender	male

Electrical	
Capacitance between contacts	$\leq 4\text{ pF}$
Contact resistance	$\leq 6\text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10\text{ G}\Omega$ (initial)
Rated current per contact	6 A
Rated voltage	$< 50\text{ V}$
Grounding Options	mating connector shell to pin1 and front panel

Mechanical	
Insertion force	$\leq 20\text{ N}$
Withdrawal force	$\leq 20\text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	
Wiring	vertical 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