



## NC5MBV-B

5 pole male XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, vertical PCB mount, black chrome shell

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

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- Housing flammability UL94HB

**Technical Information**

Product	
<b>Title</b>	NC5MBV-B
<b>Connection Type</b>	XLR
<b>Gender</b>	male

Electrical	
<b>Capacitance between contacts</b>	$\leq 7$ pF
<b>Contact resistance</b>	$\leq 6$ m $\Omega$
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	$> 10$ G $\Omega$ (initial)
<b>Rated current per contact</b>	3 A
<b>Rated voltage</b>	$< 50$ V
<b>Grounding Options</b>	Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

Mechanical	
<b>Insertion force</b>	$\leq 20$ N
<b>Withdrawal force</b>	$\leq 20$ N
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Wiresize</b>	
<b>Wiring</b>	vertical PCB mount
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	B
<b>Mounting</b>	A-Screw

Material	
<b>Contacts</b>	Brass (CuZn35Pb2)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67
<b>Ring</b>	Zinc diecast (ZnAl4Cu1)
<b>Flange</b>	Black Chromium

Environmental	
<b>Flammability</b>	UL 94 HB
<b>Standard compliance</b>	IEC 61076-2-103
<b>Protection class</b>	IP 40
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C