



## NC3MAHL

3 pole male XLR receptacle, grounding: ground contact connected to shell ground, but not to front panel and Pin 1, lateral left PCB mount

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23 mm between centres). New designed fork type contacts with hard gold plating and polished contact areas. UL recognized component.

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Polished contact areas and hard gold plating
- Plastic housing, steel latch lock
- Housing flammability UL94V-0

**Technical Information**

Product	
<b>Title</b>	NC3MAHL
<b>Connection Type</b>	XLR
<b>Gender</b>	male

Electrical	
<b>Capacitance between contacts</b>	$\leq 4$ 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>	6 A
<b>Rated voltage</b>	$< 50$ V
<b>Grounding Options</b>	ground contact connected to shell ground, but not to front panel and 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>Locking device</b>	Latch lock
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	A
<b>Mounting</b>	A-Screw

Material	
<b>Contacts</b>	Brass (CuZn35Pb2)
<b>Shell</b>	Polyamide (PA 6.6 30 % GR)

**Environmental**

<b>Approvals</b>	UL
<b>Flammability</b>	UL 94 V-0
<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