



# NC3MAV-1

3 pole male XLR receptacle, grounding: mating connector shell to pin1 and front panel, vertical 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). Hard gold plated contacts with polished contact areas. UL recognized component.

## Features & Benefits

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

## Technical Information

Product	
Title	NC3MAV-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	Pin 1 connected directly to front panel and connector shell, no separate ground contact

**Mechanical**

Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	$> 1000$ mating cycles
Wiring	vertical PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	A
Mounting	A-Screw

**Material**

Contacts	Brass (CuZn39Pb3)
Shell	Polyamide (PA 6.6 30 % GR)

Environmental	
Approvals	UL
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C