



## NC3FAV1

3 pole female 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). New designed tulip type contacts with hard gold plating and polished contact areas. UL recognized component.

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Tulip type female contact
- Housing flammability UL94 V-0
- Plastic housing, steel latch lock
- Polished contact areas and hard gold plating

**Technical Information**

Product	
<b>Title</b>	NC3FAV1
<b>Connection Type</b>	XLR
<b>Gender</b>	female

Electrical	
<b>Capacitance between contacts</b>	≤ 4 pF
<b>Contact resistance</b>	≤ 6 mΩ
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	> 10 GΩ (initial)
<b>Rated current per contact</b>	6 A
<b>Rated voltage</b>	< 50 V
<b>Grounding Options</b>	Pin 1 connected direct to front panel and connector shell, no separate ground contact

Mechanical	
<b>Insertion force</b>	≤ 20 N
<b>Withdrawal force</b>	≤ 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>	A
<b>Mounting</b>	A-Screw

Material	
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67

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