



## NC3FAAV

3 pole female receptacle, grounding: without ground/shell contact, vertical PCB mount

Most cost-effective round plastic body XLR PCB mount panel connector. Front panel cutout and PCB layout 100% compatible to A series. "Tulip" type contact design with high contact pressure for highest durability. Push latch assembled. Flammability rating UL94HB. UL recognized component.

### Features & Benefits

- Most cost-effective series
- "Tulip" type contact design with high contact pressure for highest durability
- Selective gold plated contact and PCB termination area for best conductivity and solderability

## Technical Information

Product	
Title	NC3FAAV
Connection Type	XLR
Gender	female

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	no grounding

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	A
Mounting	A-Screw

## Material

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

## Environmental

<b>Approvals</b>	UL
<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