



## NC3FBV1-0

3 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, vertical PCB mount, retention spring, no latch

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

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- Tulip type female contact
- Housing flammability UL94V-0

## Technical Information

Product	
Title	NC3FBV1-0
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	Pin 1 connected direct to front panel and connector shell, no separate ground contact

<b>Mechanical</b>	
<b>Insertion force</b>	≤ 20 N
<b>Withdrawal force</b>	≤ 20 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Locking force</b>	> 20 separating force N
<b>Wiresize</b>	
<b>Wiring</b>	vertical PCB mount
<b>Locking device</b>	Retention spring
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	B
<b>Mounting</b>	B-Screw

<b>Material</b>	
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67
<b>Ring</b>	Zinc diecast (ZnAl4Cu1)
<b>Flange</b>	Metal

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