



## 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	
<b>Title</b>	NC3FBV1-0
<b>Connection Type</b>	XLR
<b>Gender</b>	female

Electrical	
<b>Capacitance between contacts</b>	$\leq 4 \text{ pF}$
<b>Contact resistance</b>	$\leq 6 \text{ m}\Omega$
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	$> 10 \text{ G}\Omega$ (initial)
<b>Rated current per contact</b>	6 A
<b>Rated voltage</b>	$< 50 \text{ V}$
<b>Grounding Options</b>	Pin 1 connected direct to front panel and connector shell, no separate ground contact

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

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