



# NC3FBV1-B

3 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, vertical PCB mount, black chrome shell

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-B
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

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	B
Mounting	B-Screw

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

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