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# NC3FBAH1-0

3 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, horizontal PCB mount, retention spring instead of latch




The BA Series is the more economical version of the B Series with circumferential metal flange featuring EMC and RF shielding and mechanical robustness.

## Features & Benefits

- More economical version of B Series, same size and featuring highest packing density
- Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- Fork type female contact



## Downloads

-  [Product Guide 2013, 02 XLR](#)
-  [Drawing NC3FBAH1-0](#)
-  [Drawing NC3FBAH1-0](#)

## Technical Information [hide](#)

### Product

Title	NC3FBAH1-0
Connection Type	XLR
Gender	female

### Electrical

Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 6 mΩ (inner)
Dielectric strength	1,5 kVdc
Insulation resistance	> 2 GΩ (initial)
Rated current per contact	6 A
Rated voltage	50 V
Grounding Options	Pin 1 connected direct to front panel and connector shell, no separate ground contact

### Mechanical

Insertion force	≤ 20 N
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Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Locking force	> 20 separating force N
Wiring	Horizontal PCB mount
Locking device	Retention spring
Mounting direction	rear
Chassis shape	B
Mounting	A-Screw

### Material

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

### Environmental

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

### Accessories

