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NC3FBHR1

3 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, lateral right PCB mount




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
- Fork type female contact
- Housing flammability UL94V-0



Downloads

-  [Product Guide 2012, 02 XLR](#)
-  [Drawing NC3FBHR1](#)
-  [Drawing NC3FBHR1](#)

Links

-  [UL Certificate \(ECBT2.E135070\)](#)

Technical Information [hide](#)

Product

Title	NC3FBHR1
Connection Type	XLR
Gender	female

Electrical

Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 5 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
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiring	Lateral right PCB mount
Locking device	Latch lock
Mounting direction	rear
Chassis shape	B
Mounting	B-Screw

Material

Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6 25 % GR)
Locking element	Stahl 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

Accessories

