

NC3FAH2

3 pole female XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, horizontal PCB mount

The `State of the Art` receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23mm between centres). New designed tulip type contacts with hard gold plating and polished contact areas. UL recognized component.



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NC3FAH2

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Features & Benefits

- Smallest XLR receptacles, highest packing density
- Plastic housing, steel latch lock
- Tulip type female contact
- Polished contact areas and hard gold plating
- Housing flammability UL94 V-0

Technical Information [hide](#)

Product	
Title	NC3FAH2
Connection Type	XLR
Gender	female
Electrical	

Capacitance between contacts $\leq 4\text{ pF}$

Contact resistance	$\leq 6 \text{ m}\Omega$ (inner)
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	6 A
Rated voltage	50 V
Grounding Options	Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

Mechanical

Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	rear
Chassis shape	A
Mounting	A-Screw

Material

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

Locking element	Steel Ck67
Flange	Black Plastic
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

