



NC3FAH2-0

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

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.

Features & Benefits

- Smallest XLR receptacles, highest packing density
- Tulip type female contact
- Housing flammability UL94V-0
- Plastic housing, steel retention spring
- Polished contact areas and hard gold plating

Technical Information

Product	
Title	NC3FAH2-0
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	Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

Mechanical

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

Material

Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67

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