NEUTRIK

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
- Plastic housing, steel retention spring
- Tulip type female contact
- Polished contact areas and hard gold plating
- Housing flammability UL94V-0

Technical Information

Product	
Title	NC3FAH2-0
Connection Type	XLR
Gender	female

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Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 6 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (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	≤ 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

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Material	
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6)
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

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