NEUTRIK



NC5FAH

Direct replacement / successor: NC5FAH1

5 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 (23 mm between centres). New designed tulip type contacts with gold plating of contact area and tin plated pcb termination area.

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 UL 94 V-0

Technical Information

Product	
Title	NC5FAH
Connection Type	XLR
Gender	female

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Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 6 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	3 A
Rated voltage	< 50 V
Grounding Options	separate ground contact to mating connector shell and front panel

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

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Material	
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA66)
Locking element	Steel Ck67
Locking element plating	Nickel
Shell	Polyamide (PA 6.6 30 % GR)

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

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