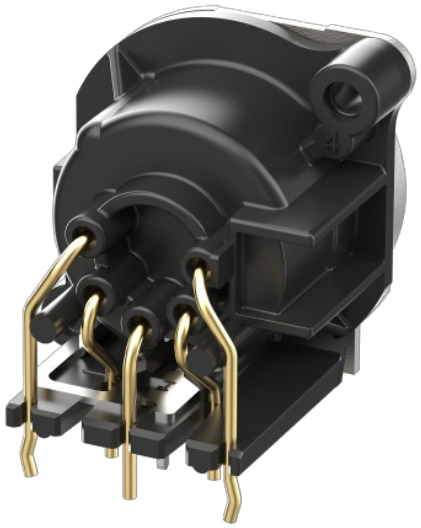

NC5MBH1

This series not only stands out with its proven features such as a compact design, flame retardancy in accordance with UL94-V0, and excellent electrical performance but also incorporates an innovative, enhanced contact system. This new design offers additional advantages, particularly in terms of vibration resistance. Thanks to these improvements, the new products are perfectly suited to meet the demands of challenging applications, providing you with reliable solutions for your needs.

Features & Benefits

- Smallest XLR receptacles
- highest packing density
- New enhanced contact system
- Metal mounting flange featuring continuous circumferntial ground contact to chassis for best EMC and RF protection

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- ✓ Flame retardant (V0, halogen free)

Technical Information

Product	
Title	NC5FBV1
Product Family	xlrCON
Connection Type	chassis connector
Gender	Male

Electrical	
Capacity between contacts	≤ 7 pF
Contact resistance	≤ 12 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	3 A
Rated voltage acc. to UL1977	50 VAC
Grounding Options	Seperate ground contact connected to mating connector shell and front panel, no connection to Pin 1

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NEUTRIK

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	min. 1000 mating cycles
Wiring	Vertical PCB mount
Chassis shape	B
Mounting direction	rear mounting
Mounting	A-Screw

Material	
Housing	PA66
Contact	Bronze (CuSn6)
Contact plating	AU
Ring	Zinc diecast (ZnAl4Cu1)
Ring planting	Nickel

Environmental	
Flammability	UL 94 V0
Standard compliance	IEC 61076-2-103
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C

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