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PRODUCTS ONLY

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Audio

BA Series

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NC5MBH



Product

Connector Type	XLR
Gender	male

Electrical

Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 5 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 2 GΩ (initial)
Insulation resistance	> 1 GΩ (after damp heat test)
Rated current per contact	3 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
Wiring	Horizontal PCB mount
Locking device	latch lock
Mounting direction	rear
Chassis shape	B
Mounting	A-Screw

Material

Contact plating	0.2 μm AuCo over 2 μm NiP15 (Tribor®)
Contacts	Brass (CuZn35Pb2)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Ring	Zinc diecast (ZnAl4Cu1)
Flange	Nickel

Environmental

Flammability	UL 94 HB
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C