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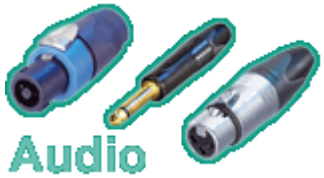

BA Series

NC4FBV

Product	
Connector Type	XLR
Gender	female
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	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
Wiring	Vertical PCB mount
Locking device	latch lock
Mounting direction	rear

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Chassis shape	B
Mounting	A-Screw
Material	
Contact plating	0.2 µm AuCo over 2 µm NiP15 (Tribor®)
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Ring	Zinc diecast (ZnAl4Cu1)
Flange	Metal
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
Optical	
Mobile Cables	