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NC3FAAV2-0

Product

Connector Type	XLR
Gender	female

Electrical

Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 6 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
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Mechanical

Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Locking force	> 20 separating force N
Wiring	Vertical PCB mount
Locking device	Retention spring
Mounting direction	rear
Chassis shape	A
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
Flange	Black Plastic

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