

NC3FAH2

Product

Connector Type XLR

Gender female

Electrical

Capacitance between contacts $\leq 4 \text{ pF}$

Contact resistance $\leq 6 \text{ m}\Omega$

Dielectric strength 1,5 kVdc

Insulation resistance $> 2 \text{ G}\Omega$ (initial)

Insulation resistance $> 1 \text{ G}\Omega$ (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	Horizontal PCB mount
Locking device	latch lock
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 25 % GR)
Locking element	Steel Ck67
Flange	Black Plastic

Environmental

Approvals	UL
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