

# NC3FAH2

## Product

Connector Type	XLR
Gender	female

## Electrical

Capacitance between contacts	$\leq 4$ pF
Contact resistance	$\leq 6$ m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 2$ G $\Omega$ (initial)
Insulation resistance	$> 1$ 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	$\leq 20$ N
Withdrawal force	$\leq 20$ 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 $\mu$ m AuCo over 2 $\mu$ m 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