



NEUTRIK

NC3FAAV-0



New most cost-effective round plastic body XLR PCB mount panel connector. Front panel cutout and PCB layout 100% compatible to A series. New "tulip" type contact design with high contact pressure for highest durability. Push latch assembled. Flammability rating UL94HB.

3 pole female XLR receptacle, grounding: without ground/shell contact, vertical PCB mount, retention spring instead of latch

Features & Benefits

- Most cost-effective series
- "Tulip" type contact design with high contact pressure for highest durability
- Selective gold plated contact and PCB termination area for best conductivity and solderability

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	no grounding

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