NC3FAAV1-0

3 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, vertical PCB mount, retention spring instead of latch

Most cost-effective round plastic body XLR PCB mount panel connector. Front panel cutout and PCB layout 100% compatible to A series. "Tulip" type contact design with high contact pressure for highest durability. Flammability rating UL94HB. UL recognized component.

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

Technical Information

Product	
Title	NC3FAAV1-0
Connection Type	XLR
Gender	female

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Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 6 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	6 A
Rated voltage	< 50 V
Grounding Options	Pin 1 connected direct to front panel and connector shell, no separate ground contact

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Locking force	> 20 separating force N
Wiresize	
Wiring	vertical PCB mount
Locking device	Retention spring
Mounting direction	Rear mounting
Chassis shape	A
Mounting	A-Screw

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Material	
Contacts	Bronze (CuSn6)
Locking element	Steel Ck67
Shell	Polyamide (PA 6.6 30 % GR)

Environmental	
Approvals	UL
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

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