



NC3FAHL1

3 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, lateral left PCB mount

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23 mm between centres). New designed tulip type contacts with hard gold plating and polished contact areas. UL recognized component.

Features & Benefits

- ✓ Smallest XLR receptacles, highest packing density
- ✓ Plastic housing, steel latch lock
- ✓ Tulip type female contact
- ✓ Polished contact areas and hard gold plating
- ✓ Housing flammability UL94V-0

Technical Information

Product	
Title	NC3FAHL1
Connection 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	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	6 A
Rated voltage	$< 50 \text{ V}$
Grounding Options	Pin 1 connected direct to front panel and connector shell, no separate ground contact

Mechanical

Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	A
Mounting	A-Screw

Material

Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Locking element plating	Nickel

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