



## NC4FAH-0

4 pole female XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, horizontal PCB mount, retention spring instead of latch, color coding possible

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 fork type contacts with hard gold plating and polished contact areas.

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Fork type female contact
- Housing flammability UL94HB
- Plastic housing, steel retention spring
- Polished contact areas and hard gold plating

**Technical Information**

Product	
<b>Title</b>	NC4FAH-0
<b>Connection Type</b>	XLR
<b>Gender</b>	female

Electrical	
<b>Capacitance between contacts</b>	$\leq 7$ pF
<b>Contact resistance</b>	$\leq 6$ m $\Omega$
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	$> 10$ G $\Omega$ (initial)
<b>Rated current per contact</b>	6 A
<b>Rated voltage</b>	$< 50$ V
<b>Grounding Options</b>	separate ground contact to mating connector shell and front panel

Mechanical	
<b>Insertion force</b>	$\leq 20$ N
<b>Withdrawal force</b>	$\leq 20$ N
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Locking force</b>	$> 20$ separating force N
<b>Wiresize</b>	
<b>Wiring</b>	Horizontal PCB mount
<b>Locking device</b>	Retention spring
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	A
<b>Mounting</b>	A-Screw

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

Environmental	
<b>Flammability</b>	UL 94 HB
<b>Standard compliance</b>	IEC 61076-2-103
<b>Protection class</b>	IP 40
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C