



## NC5FAH-DA

5 pole female XLR receptacle, grounding: mating connector shell to pin1 and front panel, horizontal PCB mount, asymmetric push

The `State of the Art` receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23mm between centres). With the asymmetric push an additional space saving of appr. 20 % can be achieved. New designed tulip type contacts with hard gold plating and polished contact areas. UL recognized component.

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Tulip type female contact
- Housing flammability UL 94 V-0
- Plastic housing, steel latch lock
- Polished contact areas and hard gold plating
- For space sensitive applications - 20 % space saving

## Technical Information

Product	
Title	NC5FAH-DA
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 7$ pF
Contact resistance	$\leq 6$ m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10$ G $\Omega$ (initial)
Rated current per contact	3 A
Rated voltage	$< 50$ V
Grounding Options	separate ground contact to mating connector shell and front panel

Mechanical	
Insertion force	$\leq 20$ N
Withdrawal force	$\leq 20$ N
Lifetime	$> 1000$ mating cycles
Wiresize	
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	A
Mounting	A-Screw

## Material

<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	Polyamide (PA66)
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Polyamide (PA 6.6 30 % GR)

## Environmental

<b>Flammability</b>	UL 94 V-0
<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