



## NC4FP-1

4 pole female receptacle, solder contacts, Nickel housing, silver contacts

Smallest available traditional style metal panel mount connector with large solder cups for ease hard wiring.

### Features & Benefits

- Smallest available hard wiring receptacles with large solder cups
- Short female receptacle
- Compatible with switchcraft D\*M, D\*F; Cannon XLB2\*31, XLB2\*32

**Technical Information**

Product	
<b>Title</b>	NC4FP-1
<b>Connection Type</b>	XLR
<b>Gender</b>	female

Electrical	
<b>Capacitance between contacts</b>	$\leq 7$ pF
<b>Contact resistance</b>	$\leq 5$ m $\Omega$
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	$> 10$ G $\Omega$ (initial)
<b>Rated current per contact</b>	10 A
<b>Rated voltage</b>	$< 50$ V

Mechanical	
<b>Insertion force</b>	$\leq 20$ N
<b>Withdrawal force</b>	$\leq 20$ N
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Wiresize</b>	max. 1.5 mm <sup>2</sup>
<b>Wiresize</b>	max. 16 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Front mounting
<b>Chassis shape</b>	P

Material	
<b>Contact plating</b>	2 µm Ag over 2 µm Ni
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Nickel

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