



NC6FSP-1

6 pole female receptacle, solder contacts, Nickel housing, silver contacts. Equivalent to switchcraft pin layout.

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 contact arrangement

Technical Information

Product	
Title	NC6FSP-1
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 7 \text{ pF}$
Contact resistance	$\leq 5 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 2 \text{ G}\Omega$ (initial)
Rated current per contact	7,5 A
Rated voltage	$< 50 \text{ V}$

Mechanical	
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm^2
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Mounting direction	Front mounting
Chassis shape	P
Equivalent	Switchcraft pin arrangement

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

Environmental	
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