



## NC5MD-L-1

5 pole male receptacle, solder cups, Nickel housing, silver contacts

Universal D-size metal body XLR panel mount series. UL recognized component.

### Features & Benefits

- Robust "D" metal shell
- Solder cups on 3 - 7 pole version
- Standardized D sized 24 mm panel cutout

## Technical Information

Product	
Title	NC5MD-L-1
Connection Type	XLR
Gender	male

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

Mechanical	
Insertion force	$\leq 20$ N
Withdrawal force	$\leq 20$ N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm <sup>2</sup>
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D

Material	
Contact plating	2 $\mu$ m Ag over 2 $\mu$ m Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA66)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell 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