NC6FD-L-1

6 pole female 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
- Standardized D sized 24 mm panel cutout
- Solder cups on 3 - 7 pole version

Technical Information

Product	
Title	NC6FD-L-1
Connection Type	XLR
Gender	female

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Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 5 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	7,5 A
Rated voltage	< 50 V

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm²
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D

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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	
Approvals	UL
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

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