



NC7MD-L-B-1

7 pole male receptacle, solder cups, black metal housing, gold 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	NC7MD-L-B-1
Connection Type	XLR
Gender	male

Electrical

Capacitance between contacts	≤ 9 pF
Contact resistance	≤ 5 m Ω
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 G Ω (initial)
Rated current per contact	5 A
Rated voltage	< 50 V

Mechanical

Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm ²
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D

Material

Contact plating	0.2 μ m Au hard alloy over 2 μ m Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	Black KTL

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