

TECHNICAL SPECIFICATION



Technical Information

Product

Title	NC3FD-L-BAG-1
Connection Type	XLR
Gender	female

Electrical

Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 5 m Ω
Dielectric strength	1.5 kVdc
Insulation resistance	> 10 G Ω (initial)
Rated current per contact	16 A
Rated voltage	< 50 V

Mechanical

Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wire size	max. 2.5 mm ²
Wire size	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock
Chassis shape	D

Material

Contact plating	2 μ m Ag over 2 μ m Ni
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium

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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