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## DL Series

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### NC4MD-L-BAG-1



#### Product

Connector Type	XLR
Gender	male

#### Electrical

Capacitance between contacts	$\leq 7$ pF
Contact resistance	$\leq 5$ m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 2$ G $\Omega$ (initial)
Insulation resistance	$> 1$ G $\Omega$ (after damp heat test)
Rated current per contact	10 A
Rated voltage	50 V

#### Mechanical

Insertion force	$\leq 20$ N
Withdrawal force	$\leq 20$ N
Lifetime	$> 1000$ mating cycles
Wire size	max. 1.5 mm <sup>2</sup>
Wire size	max. 16 AWG
Wiring	Solder contacts
Locking device	latch lock
Mounting direction	front & rear
Chassis shape	D

#### Material

Contact plating	2 $\mu$ m Ag over 2 $\mu$ m Ni
Contacts	Brass (CuZn39Pb3)
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