



# Product Data Sheet

## NC3MD-LX-M3 Pole Male Receptacle, Solder Cups

### Description



NC5MD-LX Silver

DA-65-0713

3 pole male receptacle, solder cups, Nickel housing, silver contacts, M3 mounting holes

The DLX series features a compact all metal housing with an ingenious duplex ground contact, which offers excellent RF protection and shielding. It is the ideal match for mating with Neutrik's EMC XLR cable connector.

### Features

#### Electrical

Capacitance between contacts	$\leq 4$ pF
Contact resistance	$\leq 5$ m $\Omega$ (inner)
Dielectric strength	1,5 kVdc
Insulation resistance	$> 2$ G $\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	50 V

#### Features

- All metal housing offers best overall RF protection and electromagnetic shielding
- Duplex ground contact for excellent contact integrity between chassis and cable connector
- Male connector's retention bar replaces plastic design with all metal version improving pull-out force
- Larger solder contacts for easier termination
- Optional connection to easily join pin1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions



# Product Data Sheet

## NC5MD-LX 5 Pole Male Receptacle, Solder Cups

### Product Data

Material	
Contact plating	2 µm Ag over 2 µm Ni
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6 30 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Locking element	Stahl Ck67
Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Wiresize	max. 2.5 mm <sup>2</sup>
Wiresize	max. 14 AWG
Locking device	Latch lock
Mounting	Mounting holes with M3 threads
Chassis shape	D
Lifetime	1000 mating cycles
Environmental	
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