

### Description

This connector is a 5-pin female receptacle with solder cups, nickel housing and silver contacts.

### Physical Characteristics

Color	Nickel
Connector Type	XLR
Temperature Range	-30°C to +80°C
Contact Plating	2 µm Au over 2 µm Ni
Contacts	Brass
Insert	Polyamide
Locking Element	Steel Ck67
Shell	Zinc Diecast
Shell Plating	Nickel
Gender	Female

### Electrical Characteristics

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

### Manufacturer Information

Neutrik Part Number	NC5FD-L-1
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### Packaging Information

Package Quantity	1
Product Weight	0.02 lbs [0.01 kg]



### Mechanical Characteristics

Insertion Force	≤ 20 N
Withdrawal Force	≤ 20 N
Lifetime	> 1000 mating cycles
Wire size	Max. 1.0 mm <sup>2</sup> Max. 18 AWG
Wiring	Solder contacts
Locking Device	Latch Lock
Chassis Shape	D

### Approvals

UL	Yes
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### Environmental

Flammability	UL 94 HB
Standard Compliance	IEC 61076-2-103
Protection Class	IP 40
Solderability	Complies with IEC 68-2-20

