

TECHNICAL SPECIFICATION



Technical Information

Product

Title NC4FD-L-B-1

Connection Type XLR

Gender female

Electrical

Capacitance between contacts ≤ 7 pF

Contact resistance ≤ 5 m Ω

Dielectric strength 1,5 kVdc

Insulation resistance > 10 G Ω (initial)

Rated current per contact 10 A

Rated voltage < 50 V

Mechanical

Insertion force ≤ 20 N

Withdrawal force ≤ 20 N

Lifetime > 1000 mating cycles

Wiresize max. 1.5 mm²

Wiresize max. 16 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 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



1723 W. 4th Street Tempe Arizona 85281

P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com www.covid.com