

TECHNICAL SPECIFICATION



Technical Information

Product

Title NC5FXX-B

Connection Type XLR

Gender female

Electrical

Capacitance between contacts ≤ 7 pF

Contact resistance ≤ 3 m Ω

Dielectric strength 1,5 kVdc

Insulation resistance > 10 G Ω (initial)

Rated current per contact 7,5 A

Rated voltage < 50 V

Mechanical

Cable O.D. 3.5 - 8.0 mm

Insertion force ≤ 20 N

Withdrawal force ≤ 20 N

Lifetime > 1000 mating cycles

Wiresize max. 1.0 mm²

Wiresize max. 18 AWG

Wiring Solder contacts

Locking device Latch lock

Material

Boot Polyurethan

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 Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)

Shell Zinc diecast (ZnAl4Cu1)

Shell plating Black chromium

Strain relief Polyacetal (POM)

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



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