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NC3FM-C

Product

Connector Type XLR

Gender female

Electrical

Capacitance between contacts ≤ 4 pF

Contact resistance ≤ 3 m Ω

Dielectric strength 1,5 kVdc

Insulation resistance > 2 G Ω (initial)

Insulation resistance > 1 G Ω (after damp heat test)

Rated current per contact 16 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

Wire size max. 2.5 mm²

Wire size max. 14 AWG

Wiring Solder contacts

Locking device Latch lock

Material

Boot Polyuretan

Bushing Polyamide (PA 6 15% GR)

Contact plating 0.2 μ m Au

Contacts Bronze (CuSn8) female

Contacts Brass (CuZn39Pb3) male

Insert Polyamide (PA 6.6 30 % GR)

Locking element Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)

Shell Zinc diecast (ZnAl4Cu1)

Shell plating Nickel

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