

**NC7FX-B**

7 pole cable connector, female. Black metal housing and gold contacts.

TECHNICAL DATA**Electrical**

Number of contacts: 7

Contact resistance: $\leq 3 \text{ m } \Omega$

Insulation resistance

- initial: $> 2 \text{ G } \Omega$

- after damp heat test: $> 1 \text{ G } \Omega$

Dielectric strength: 1500 V dc

Rated current: 5 A

AWG: 1.0 mm²/18 AWG

Capacitance between contacts: $\leq 9 \text{ pF}$

Mechanical

Lifetime: > 1000 cycles

Insertion / withdrawal force: $\leq 20 \text{ N}$

Cable O.D. range: 3.5 mm - 8.0 mm

Materials

Shell: ZnAl4Cu1, black Cr over Cu plating

Insert: PA 6.6 30% GR (glass reinforced)

Contacts: CuZn39Pb3

Contact surface: gal 0.2 μm Au hard alloy over 2 μm Ni

Latch lock (female): St3K32

Strain-relief clamp: POM

Antikink bushing: PUR

Environmental

Temperature range: -30° C to + 80° C

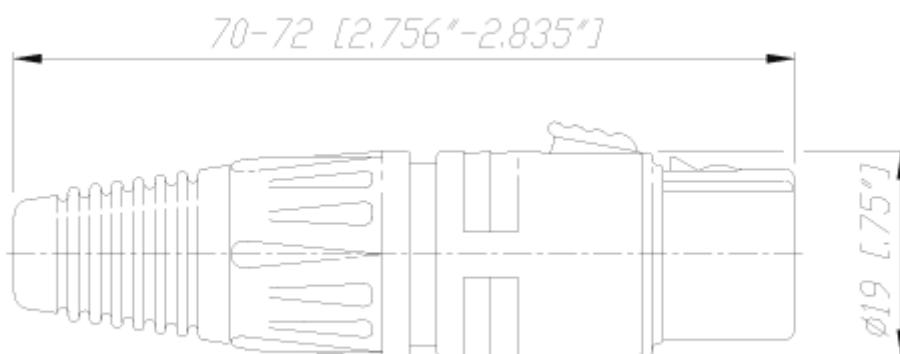
Flammability: UL 94HB

Solderability: complies with IEC 68-2-20

Compatibility / Remarks

Compatibility: IEC 61076-2-103 Standard

[PDF](#) [DXF](#)

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