

NC5FX-B

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

TECHNICAL DATA

Electrical

Number of contacts: 5

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: 7.5 A

AWG: 1.0 mm²/18 AWG

Capacitance between contacts: $\leq 7 \text{ pF}$

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

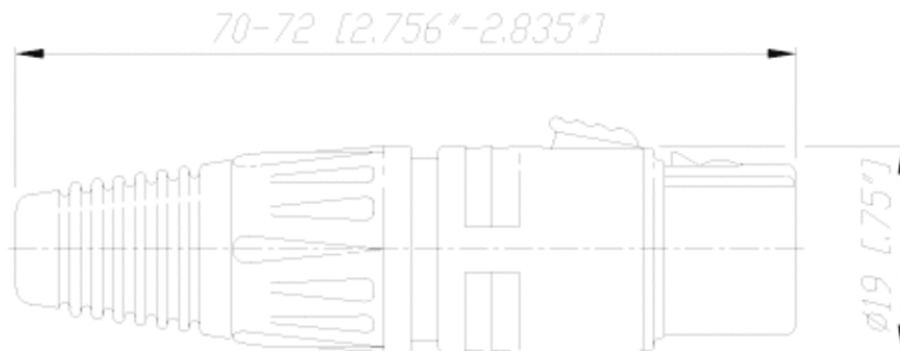
Temperature range: -30°C to $+80^\circ \text{C}$

Flammability: UL 94HB

Solderability: complies with IEC 68-2-20

Compatibility / Remarks

Compatibility: IEC tentative standard & Switchcraft® & Cannon XLR



XLR Cable Connectors / X Series

The worldwide accepted standard. Rugged diecast shell, rear insert, robust and compact design (shortest available XLR cable connector). Time saving assembly: only 4 pieces, no set screws. Neutrik unique chuck-type strain relief. UL recognized component.