



XX Series

NC5FXX



The next generation of the worldwide accepted standard of XLR cable connectors. The successor of the X series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well as cable strain relief.

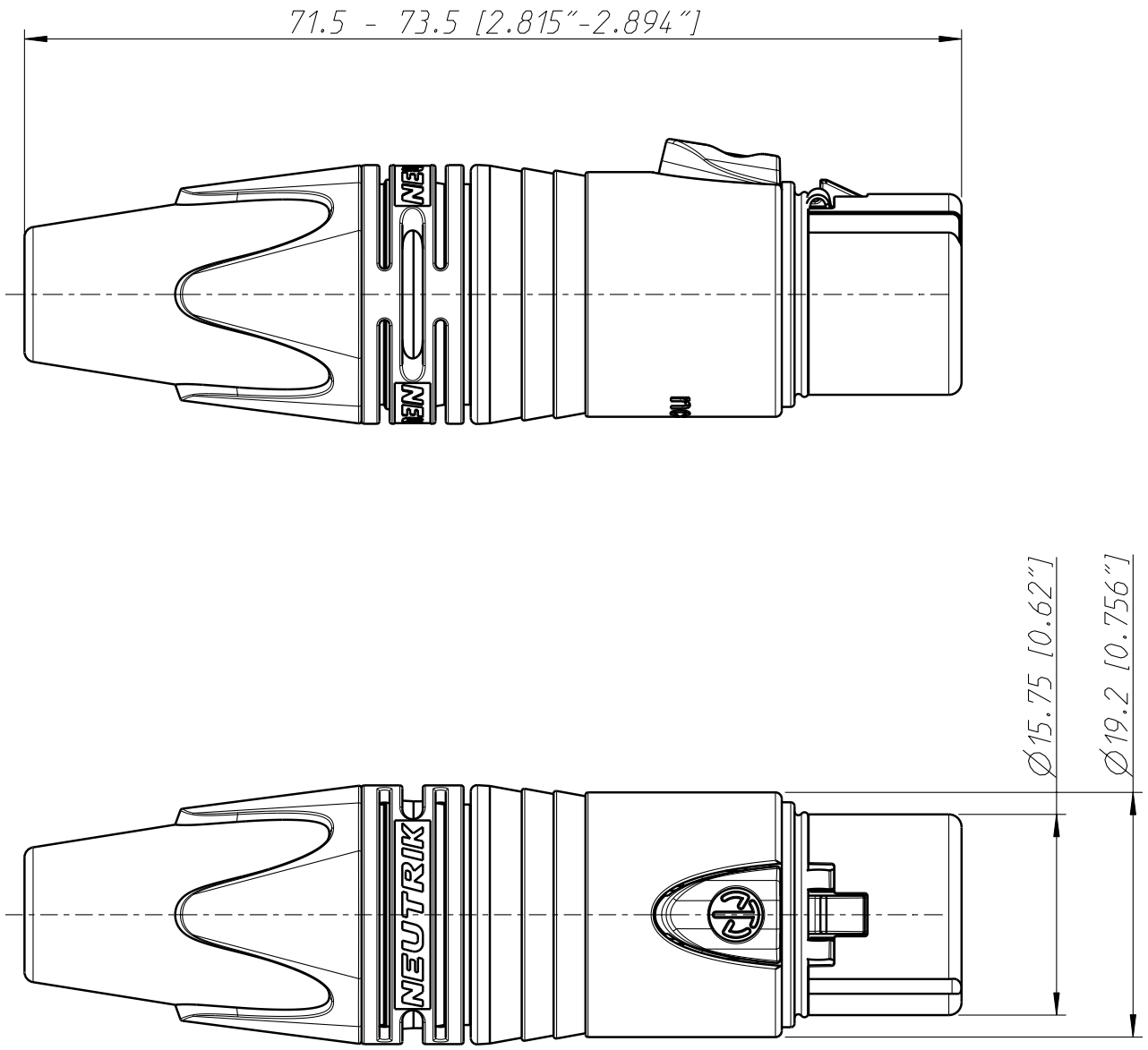
5 pole female cable connector with Nickel housing and silver contacts.

Features & Benefits

- Unique cage design of female contact for low contact resistance and high integrity
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- Female connector with improved solid metal latch which is larger and easier to handle
- Additional ground spring contacts for better shell ground continuity
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Boot with polyurethane gland gives high protection to cable bending stresses
- Colored rings and boots available for coding or identification
- Sleek and ergonomic design - valuable and handy
- Rugged zinc diecast shell, longlasting and dependable

ACCESSORIES





Allgemeintoleranzen ISO 2768-m	Werkstoff	Massstab:		Datum	Name
Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)	KEIN_MAT -	2:1 (A4)	Gezeichnet	19.12.05	jutz b
			Freigegeben	-	-
Benennung XX-Serie NC5FXX			Geaendert	17.04.07	jutz b
			Aend.-Nr.	-	Aend.-Index B
			Ersatz fuer:		Blatt 1 von 1 Bl.
NEUTRIK AG FL-9494 SCHAAN			Zeichn. Nr. ST-NC5FXX		



Audio

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There are no technical infos for this product.

Product

Connector Type	XLR
Gender	female

Electrical

Capacitance between contacts	≤ 7 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	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
Wire size	max. 1.0 mm ²
Wire size	max. 18 AWG
Wiring	Solder contacts
Locking device	latch lock

Material

Boot	Polyuretan
Bushing	Polyamide (PA 6 15% GR)
Contact plating	2 μ m Ag over 2 μ m Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	St3K32 (latch) / 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

Optical

Mobile Cables