



## NC3FXX-HE

3 pole female cable connector, velour-chromium housing and machined gold contacts.

Exclusive version of standard XX Series. Valuable velour chromium plating. Extra high temperature resistant insulator material.

### Features & Benefits

- Extra high temperature resistant insulator material
- Valuable velour chromium plating of shell
- 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
- Colored rings and boots available for coding or identification
- Machined female contacts
- Female connector with improved solid metal latch which is larger and easier to handle
- Flammability UL94V-0
- Boot with polyurethane gland gives high protection to cable bending stresses
- Sleek and ergonomic design - valuable and handy

Technical Information

Product	
Title	NC3FXX-HE
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 4 \text{ pF}$
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	$> 1000$ mating cycles
Wiresize	max. $2.5 \text{ mm}^2$
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock

Material	
Boot	Polyurethan
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Brass (CuZn35Pb2)
Insert	Polyphenylene Sulfide (PPS 40% GR)
Locking element	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Velour Chromium
Strain relief	Polyacetal (POM)

Environmental	
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C