



## NC3MXX-HE

3 pole male cable connector, velour-chromium housing, 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
- Male connector with improved locking recess without "window", more stringent housing increases durability
- Flammability UL94V-0
- 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

## Technical Information

Product	
Title	NC3MXX-HE
Connection Type	XLR
Gender	male

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

<b>Material</b>	
<b>Boot</b>	Polyurethan
<b>Contact plating</b>	0.2 µm Au hard alloy over 2 µm Ni
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	Polyphenylene Sulfide (PPS 40% GR)
<b>Locking element</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Velour Chromium
<b>Strain relief</b>	Polyacetal (POM)

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