



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 | ≤ 4 pF |
| Contact resistance | ≤ 3 m Ω |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 10 G Ω (initial) |
| Rated current per contact | 16 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 |
| Wiresize | max. 2.5 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 (CuZn39Pb3) |
| Insert | Polyphenylene Sulfide (PPS 40% GR) |
| Locking element | Zinc diecast (ZnAl4Cu1) |
| 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 |