

# TECHNICAL SPECIFICATION



## Technical Information

|                              |                            |
|------------------------------|----------------------------|
| <b>Product</b>               |                            |
| Title                        | NC3MXX                     |
| Connection Type              | XLR                        |
| Gender                       | male                       |
| <b>Electrical</b>            |                            |
| Capacitance between contacts | ≤ 4 pF                     |
| Contact resistance           | ≤ 3 mΩ                     |
| Dielectric strength          | 1,5 kVdc                   |
| Insulation resistance        | > 10 GΩ (initial)          |
| Rated current per contact    | 16 A                       |
| Rated voltage                | < 50 V                     |
| <b>Mechanical</b>            |                            |
| 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 <sup>2</sup>   |
| Wiresize                     | max. 14 AWG                |
| <b>Material</b>              |                            |
| Boot                         | Polyurethan                |
| Contact plating              | 2 μm Ag                    |
| Contacts                     | Brass (CuZn39Pb3)          |
| Insert                       | Polyamide (PA 6.6 30 % GR) |
| Locking element              | Zinc diecast (ZnAl4Cu1)    |
| Shell                        | Zinc diecast (ZnAl4Cu1)    |
| Shell plating                | Nickel                     |
| Strain relief                | Polyacetal (POM)           |
| <b>Environmental</b>         |                            |
| 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           |



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