



## NC3MD-L-1

3 pole male receptacle, solder contacts, Nickel housing, silver contacts

Universal D-size metal body XLR panel mount series. UL recognized component.

### Features & Benefits

- Robust "D" metal shell
- Solder cups on 3 - 7 pole version
- Standardized D sized 24 mm panel cutout

## Technical Information

| Product         |           |
|-----------------|-----------|
| Title           | NC3MD-L-1 |
| Connection Type | XLR       |
| Gender          | male      |

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

| Mechanical         |                        |
|--------------------|------------------------|
| Insertion force    | $\leq 20 \text{ N}$    |
| Withdrawal force   | $\leq 20 \text{ N}$    |
| Lifetime           | $> 1000$ mating cycles |
| Wiresize           |                        |
| Wiring             | Solder contacts        |
| Locking device     | Latch lock             |
| Mounting direction | Front mounting         |
| Chassis shape      | D                      |

| Material        |                                            |
|-----------------|--------------------------------------------|
| Contact plating | 2 $\mu\text{m}$ Ag over 2 $\mu\text{m}$ Ni |
| Contacts        | Brass (CuZn35Pb2)                          |
| Insert          | Polyamide (PA 6.6 30 % GR)                 |
| Locking element | Steel Ck67                                 |
| Shell           | Zinc diecast (ZnAl4Cu1)                    |
| Shell plating   | Nickel                                     |

**Environmental**

|                            |                           |
|----------------------------|---------------------------|
| <b>Approvals</b>           | UL                        |
| <b>Flammability</b>        | UL 94 HB                  |
| <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          |