



# NC5MD-L-BAG-1

5 pole male receptacle, solder cups, black metal housing, silver contacts

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

## Features & Benefits

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

## Technical Information

| Product         |               |
|-----------------|---------------|
| Title           | NC5MD-L-BAG-1 |
| Connection Type | XLR           |
| Gender          | male          |

**Electrical**

|                              |                                  |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 7 \text{ pF}$              |
| Contact resistance           | $\leq 5 \text{ m}\Omega$         |
| Dielectric strength          | 1,5 kVdc                         |
| Insulation resistance        | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact    | 7,5 A                            |
| Rated voltage                | $< 50 \text{ V}$                 |

**Mechanical**

|                  |                         |
|------------------|-------------------------|
| Insertion force  | $\leq 20 \text{ N}$     |
| Withdrawal force | $\leq 20 \text{ N}$     |
| Lifetime         | $> 1000$ mating cycles  |
| Wiresize         | max. $1.0 \text{ mm}^2$ |
| Wiresize         | max. 18 AWG             |
| Wiring           | Solder contacts         |
| Locking device   | Latch lock              |
| Chassis shape    | D                       |

**Material**

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Contact plating | $2 \text{ }\mu\text{m}$ Ag over $2 \text{ }\mu\text{m}$ Ni |
| Contacts        | Brass (CuZn39Pb3)                                          |
| Insert          | Polyamide (PA66)                                           |
| Locking element | Steel Ck67                                                 |
| Shell           | Zinc diecast (ZnAl4Cu1)                                    |
| Shell coating   | Black KTL                                                  |

| Environmental       |                           |
|---------------------|---------------------------|
| Approvals           | UL                        |
| 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          |