



## NC4FD-LX-BAG

4 pole female receptacle, solder cups, black metal housing, silver contacts

The DLX series features a compact all metal housing with an ingenious duplex ground contact, which offers excellent RF protection and shielding.

### Features & Benefits

- All metal housing offers best overall RF protection and electromagnetic shielding
- Duplex ground contact for excellent contact integrity between chassis and cable connector
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- Larger solder contacts for easier termination
- Optional connection to easily join pin1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions

## Technical Information

| Product         |              |
|-----------------|--------------|
| Title           | NC4FD-LX-BAG |
| Connection Type | XLR          |
| Gender          | female       |

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

| Mechanical       |                          |
|------------------|--------------------------|
| Insertion force  | $\leq 20$ N              |
| Withdrawal force | $\leq 20$ N              |
| Lifetime         | $> 1000$ mating cycles   |
| Wiresize         | max. 1.5 mm <sup>2</sup> |
| Wiresize         | max. 16 AWG              |
| Wiring           | Solder contacts          |
| Locking device   | Latch lock               |
| Chassis shape    | D                        |

| Material                |                         |
|-------------------------|-------------------------|
| Contact plating         | 2 µm Ag                 |
| Contacts                | Brass (CuZn39Pb3)       |
| Insert                  | PA66                    |
| Locking element         | Steel Ck67              |
| Locking element plating | Nickel                  |
| Shell                   | Zinc diecast (ZnAl4Cu1) |
| Shell coating           | Black KTL               |

| 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          |