



## NC3FD-H

3 pole female receptacle, horizontal PCB mount, Nickel housing, silver contacts

Universal D-size metal body XLR panel mount series for pcb mount applications. Insert is removable from shell for ease assembling. UL recognized component.

### Features & Benefits

- D-shape metal shell
- Optimal RF protection using 3 shield contacts
- Insert is removable from rear of connector and locked into place by internal latch - permitting assembling and testing of pcb before assembling into housing
- Front or rear panel mount

## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | NC3FD-H |
| Connection Type | XLR     |
| Gender          | female  |

| 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    | 6 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             | Horizontal PCB mount   |
| Locking device     | Latch lock             |
| Mounting direction | Rear mounting          |
| Chassis shape      | D                      |

| Material        |                         |
|-----------------|-------------------------|
| Contact plating | 2 µm Ag over 2 µm Ni    |
| Contacts        | Bronze (CuSn6)          |
| Insert          | PA66                    |
| Locking element | Steel Ck67              |
| Shell           | Zinc diecast (ZnAl4Cu1) |
| Shell plating   | Nickel                  |

| 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          |