



## NC3MD-H-BAG

3 pole male receptacle, horizontal PCB mount, black metal 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
- Insert is removable from rear of connector and locked into place by internal latch - permitting assembling and testing of pcb before assembling into housing
- Optimal RF protection using 3 shield contacts
- Front or rear panel mount

**Technical Information**

| Product                |             |
|------------------------|-------------|
| <b>Title</b>           | NC3MD-H-BAG |
| <b>Connection Type</b> | XLR         |
| <b>Gender</b>          | male        |

| Electrical                          |                   |
|-------------------------------------|-------------------|
| <b>Capacitance between contacts</b> | ≤ 4 pF            |
| <b>Contact resistance</b>           | ≤ 5 mΩ            |
| <b>Dielectric strength</b>          | 1,5 kVdc          |
| <b>Insulation resistance</b>        | > 10 GΩ (initial) |
| <b>Rated current per contact</b>    | 6 A               |
| <b>Rated voltage</b>                | < 50 V            |

| Mechanical                |                      |
|---------------------------|----------------------|
| <b>Insertion force</b>    | ≤ 20 N               |
| <b>Withdrawal force</b>   | ≤ 20 N               |
| <b>Lifetime</b>           | > 1000 mating cycles |
| <b>Wiresize</b>           |                      |
| <b>Wiring</b>             | Horizontal PCB mount |
| <b>Locking device</b>     | Latch lock           |
| <b>Mounting direction</b> | Rear mounting        |
| <b>Chassis shape</b>      | D                    |

| Material               |                            |
|------------------------|----------------------------|
| <b>Contact plating</b> | 2 μm Ag over 2 μm Ni       |
| <b>Contacts</b>        | Brass (CuZn35Pb2)          |
| <b>Insert</b>          | Polyamide (PA 6.6 30 % GR) |
| <b>Locking element</b> | Steel Ck67                 |
| <b>Shell</b>           | Zinc diecast (ZnAl4Cu1)    |
| <b>Shell plating</b>   | Black chromium             |

| 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          |