



## NC3FBH2

3 pole female XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, horizontal PCB mount

Same as A series with exception of a metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC practice. UL recognized component.

### Features & Benefits

- Smallest XLR receptacles, highest packing density
- Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- Tulip type female contact
- Housing flammability UL94V-0
- Grounded Push (ESD)

## Technical Information

| Product                |         |
|------------------------|---------|
| <b>Title</b>           | NC3FBH2 |
| <b>Connection Type</b> | XLR     |
| <b>Gender</b>          | female  |

| Electrical                          |   |
|-------------------------------------|---|
| <b>Capacitance between contacts</b> | $\leq 4$ pF   |
| <b>Contact resistance</b>           | $\leq 6$ m $\Omega$   |
| <b>Dielectric strength</b>          | 1,5 kVdc  |
| <b>Insulation resistance</b>        | $> 10$ G $\Omega$ (initial)   |
| <b>Rated current per contact</b>    | 6 A   |
| <b>Rated voltage</b>                | $< 50$ V  |
| <b>Grounding Options</b>            | Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1 |
| <b>Grounded push (ESD)</b>          | Connected to the front panel (ground) in an actuated position                                       |

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

| Material        |                            |
|-----------------|----------------------------|
| Contacts        | Bronze (CuSn6)             |
| Insert          | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67                 |
| Ring            | Zinc diecast (ZnAl4Cu1)    |
| Flange          | Metal                      |

| 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          |