



## NC3MAAV

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

Most cost-effective round plastic body XLR PCB mount panel connector. Front panel cutout and PCB layout 100% compatible to A series. "Tulip" type contact design with high contact pressure for highest durability. Flammability rating UL94HB. UL recognized component.

### Features & Benefits

- Most cost-effective series
- "Tulip" type contact design with high contact pressure for highest durability
- Selective gold plated contact and PCB termination area for best conductivity and solderability

## Technical Information

| Product                |         |
|------------------------|---------|
| <b>Title</b>           | NC3MAAV |
| <b>Connection Type</b> | XLR     |
| <b>Gender</b>          | male    |

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

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

| Material |                            |
|----------|----------------------------|
| Contacts | Brass (CuZn35Pb2)          |
| Shell    | Polyamide (PA 6.6 30 % GR) |

| Environmental       |                           |
|---------------------|---------------------------|
| Approvals           | UL                        |
| Flammability        | UL 94 HB                  |
| Standard compliance | IEC 61076-2-103           |
| Protection class    | IP 40                     |
| Solderability       | Complies with IEC 68-2-20 |
| Temperature range   | -30 °C to +80 °C          |