



# NC3MAAV-0

3 pole male XLR receptacle, grounding: ground contact connected to shell ground, but not to front panel and Pin 1, 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         |           |
|-----------------|-----------|
| Title           | NC3MAAV-0 |
| Connection Type | XLR       |
| Gender          | male      |

| Electrical                   |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$                                                    |
| Contact resistance           | $\leq 6 \text{ m}\Omega$                                               |
| Dielectric strength          | 1,5 kVdc                                                               |
| Insulation resistance        | $> 10 \text{ G}\Omega$ (initial)                                       |
| Rated current per contact    | 6 A                                                                    |
| Rated voltage                | $< 50 \text{ V}$                                                       |
| Grounding Options            | Ground contact connected to shell ground, but not to chassis and Pin 1 |

| Mechanical         |                        |
|--------------------|------------------------|
| Insertion force    | $\leq 20 \text{ N}$    |
| Withdrawal force   | $\leq 20 \text{ N}$    |
| Lifetime           | $> 1000$ mating cycles |
| 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          |