



# NC3MAH

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

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23 mm between centres). Hard gold plated contacts with polished contact areas. UL recognized component.

## Features & Benefits

- ✓ Smallest XLR receptacles, highest packing density
- ✓ Plastic housing
- ✓ Polished contact areas and hard gold plating
- ✓ Housing flammability UL94V-0

## Technical Information

| Product         |        |
|-----------------|--------|
| Title           | NC3MAH |
| 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            | Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1 |

| 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      | A                      |
| Mounting           | A-Screw                |

| Material |                            |
|----------|----------------------------|
| Contacts | Brass (CuZn39Pb3)          |
| Shell    | Polyamide (PA 6.6 30 % GR) |

| 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          |