



NC3MAAH

3 pole male XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, horizontal 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 | NC3MAAH |
| 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 (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 |