



NC3MBH-1

3 pole male XLR receptacle, grounding: mating connector shell to pin1 and front panel, steel retention lug, 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
- ✓ Housing flammability UL94V-0

Technical Information

| Product | |
|-----------------|----------|
| Title | NC3MBH-1 |
| 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 G Ω (initial) |
| Rated current per contact | 6 A |
| Rated voltage | < 50 V |
| Grounding Options | mating connector shell to pin1 and front panel |

| 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 | B |
| Mounting | B-Screw |

| Material | |
|-----------------|--------------------------------------|
| Contact plating | 0.2 µm AuCo over 2µm NiP15 (Tribor®) |
| Contacts | Brass (CuZn35Pb2) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | Ck 67 steel, treated |
| Ring | Zinc diecast (ZnAl4Cu1), gal Ni |

| Environmental | |
|---------------------|---------------------------|
| Approvals | UL |
| Flammability | UL 94 V-0 |
| Standard compliance | IEC 61076-2-103 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |