



NC3FAAH1

3 pole female XLR receptacle, grounding: mating connector shell to pin1 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. Push latch assembled. Flammability rating UL94HB. UL recognized component.

Features & Benefits

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



Technical Information

| Product | |
|-----------------|----------|
| Title | NC3FAAH1 |
| Connection Type | XLR |
| Gender | female |

| Electrical | |
|------------------------------|---|
| Capacitance between contacts | \leq 4 pF |
| Contact resistance | \leq 6 m Ω |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 10 GΩ (initial) |
| Rated current per contact | 6 A |
| Rated voltage | < 50 V |
| Grounding Options | Pin 1 connected direct to front panel and connector shell, no separate ground contact |

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

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| Material | |
|-----------------|----------------------------|
| Contacts | Bronze (CuSn6) |
| Locking element | Steel Ck67 |
| 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 |