



NC5FAH-0

5 pole female XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, horizontal PCB mount, retention spring instead of latch

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). New designed tulip type contacts with gold plating of contact area and tin plated pcb termination area.

Features & Benefits

- ✓ Smallest XLR receptacles, highest packing density
- ✓ Plastic housing, steel latch lock
- ✓ Tulip type female contact
- ✓ Polished contact areas and hard gold plating
- ✓ Housing flammability UL 94 V-0

Technical Information

| Product | |
|-----------------|----------|
| Title | NC5FAH-0 |
| Connection Type | XLR |
| Gender | female |

| Electrical | |
|------------------------------|---|
| Capacitance between contacts | $\leq 7 \text{ pF}$ |
| Contact resistance | $\leq 6 \text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 3 A |
| Rated voltage | $< 50 \text{ V}$ |
| Grounding Options | separate ground contact to mating connector shell and front panel |

| Mechanical | |
|--------------------|-----------------------------------|
| Insertion force | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Locking force | $> 20 \text{ N}$ separating force |
| Wiresize | |
| Wiring | Horizontal PCB mount |
| Locking device | Retention spring |
| Mounting direction | Rear mounting |
| Chassis shape | A |
| Mounting | A-Screw |

| Material | |
|-----------------|------------------|
| Contacts | Bronze (CuSn6) |
| Locking element | Steel Ck67 |
| Shell | Polyamide (PA66) |

| Environmental | |
|---------------------|---------------------------|
| 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 |