



NC3FBH2-E

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

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

- Five additional ground contacts
- Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- Housing flammability UL94V-0
- Smallest XLR receptacles, highest packing density
- Tulip type female contact

Technical Information

| Product | |
|-----------------|-----------|
| Title | NC3FBH2-E |
| Connection Type | XLR |
| Gender | female |

| 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 | ≤ 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 | B |
| Mounting | B-Screw |

| Material | |
|-----------------|----------------------------|
| Contacts | Bronze (CuSn6) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67 |
| Ring | Zinc diecast (ZnAl4Cu1) |
| Flange | Metal |

| 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 |