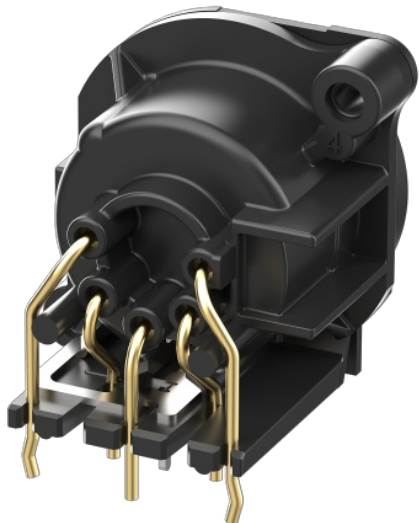




## NC5MBH1-B

This series not only stands out with its proven features such as a compact design, flame retardancy in accordance with UL94-V0, and excellent electrical performance but also incorporates an innovative, enhanced contact system. This new design offers additional advantages, particularly in terms of vibration resistance. Thanks to these improvements, the new products are perfectly suited to meet the demands of challenging applications, providing you with reliable solutions for your needs.

## Features & Benefits

- ✓ Smallest XLR receptacles
- ✓ highest packing density
- ✓ New enhanced contact system
- ✓ Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection

✓ Flame retardant (V0, halogen free)

Technische Informationen

| Produkte       |                   |
|----------------|-------------------|
| Titel          | NC5MBH1-B         |
| Produktfamilie | xlrCON            |
| Verbindungstyp | chassis connector |
| Geschlecht     | male              |

| Elektrisch                   |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| Kapazität zwischen Kontakten | ≤ 7 pF                                                                                              |
| Durchgangswiderstand         | ≤ 12 mΩ                                                                                             |
| Durchschlagsfestigkeit       | 1,5 kVdc                                                                                            |
| Isolationswiderstand         | > 10 GΩ (initial)                                                                                   |
| Nennstrom pro Kontakt        | 3 A                                                                                                 |
| Nennspannung                 | 50 VAC                                                                                              |
| Erdungsoptionen              | Seperate ground contact connected to mating connector shell and front panel, no connection to Pin 1 |

**Mechanische Daten**

|                    |                         |
|--------------------|-------------------------|
| Einsteckkraft      | $\leq 20 \text{ N}$     |
| Aussteckkraft      | $\leq 20 \text{ N}$     |
| Lebensdauer        | min. 1000 mating cycles |
| Anschlussart       | Horizontal PCB mount    |
| Gehäuseform        | B                       |
| Mounting direction | rear mounting           |
| Mounting           | A-Screw                 |

**Material**

|                     |                         |
|---------------------|-------------------------|
| Gehäuse             | PA66                    |
| Kontakt             | Bronze (CuSn6)          |
| Kontaktbeschichtung | AU                      |
| Ring                | Zinc diecast (ZnAl4Cu1) |
| Ring plating        | Black KTL               |

**Umwelt**

|                      |                              |
|----------------------|------------------------------|
| Entflammbarkeit      | UL 94 V0                     |
| Normenkompatibilität | IEC 61076-2-103              |
| Lötbarkeit           | Complies with IEC 60068-2-20 |
| Temperaturbereich    | -30 °C to +80 °C             |