



THE DATASHEET OF NC4MBV



NC4MBV

4 pole male XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, vertical PCB mount

The BA Series is the more economical version of the B Series with circumferential metal flange featuring EMC and RF shielding and mechanical robustness.

Features & Benefits

- ✓ More economical version of B Series, same size and featuring highest packing density
- ✓ Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection

Technical Information

| Product | |
|-----------------|--------|
| Title | NC4MBV |
| Connection Type | XLR |
| Gender | male |

| 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 | 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 | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Wiring | vertical PCB mount |
| Locking device | Latch lock |
| Mounting direction | Rear mounting |
| Chassis shape | B |
| Mounting | A-Screw |

| Material | |
|-----------------|----------------------------|
| Contacts | Brass (CuZn35Pb2) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67 |
| Ring | Zinc diecast (ZnAl4Cu1) |
| Flange | Metal |

| 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 |

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