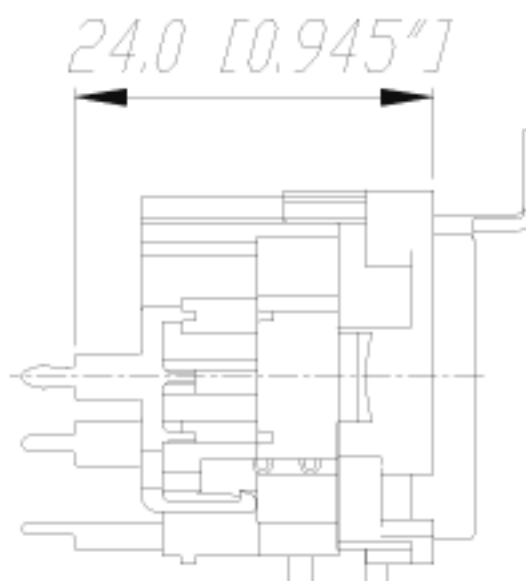
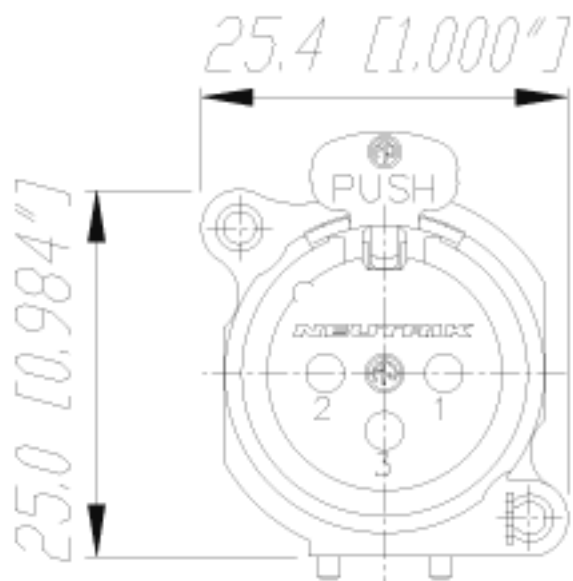




NC3FBV1

3 pole female XLR receptacle, metal housing, with shell grounding springs, vertical PCB mount. Pin 1 connected direct to chassis and shell ground.



XLR Chassis Connectors / B Series

Same as A series with exception of a metal mounting flange enabling continuous circumferential ground contact to chassis for best EMC practice. Fastening:

- 3 pole: TAPTITE® screws M2.5 (tri-rondular). UL recognized component
- 4&5 pole: Self-tapping PLASTITE®* screws with thread 2.9x1.06 and tri-rondular configuration. (* PLASTITE® is a registered trademark of SFS Unimarket)

TECHNICAL DATA

Electrical

Number of contacts: 3 - 5

Rated current:

3 & 4 pole: 6 A

5 pole: 3 A

Rated voltage: 50 V ac

Contact resistance: ≤ 5 m Ohm

Insulation resistance: - initial > 2 G Ohm

- after damp heat test > 1 G Ohm (IEC 68-2-30)

Dielectric strength: 1500 V dc

Mechanical

Lifetime: > 1000 mating cycles
Insertion / withdrawal force: ≤ 20 N
Retention method (Female versions only): - standard: latch lock
- '0' version: retention spring
Separating force: ≥ 20 N

Materials

Shell (Insert) PA 6.6 25% GR (5-pole: PA 6.6 30% GR)
Contacts: - male: CuZn35Pb2
Contact surface: 0.2 mm AuCo over 2 mm NiP 15 (Tribor®)
Ground contact: 0.3 μ m AG, passivated
Ring: ZnAl4Cu1
Latch lock & spring: CK 67 steel, treated

Environmental

Temperature range: -30° C to + 80° C
Flammability:
- 3 pole: UL 94 V-0
- 4&5 pole: UL 94 HB
Solderability: complies with IEC 68-2-20

Compatibility/Remarks

Version with IDC wiring (only 3 pole):
Applicable wire size : 0.22 mm² / 24 AWG
and 0.14 mm² / 26 AWG
Special version for B series with additional ground contacts:
add suffix '-E'
Special non quoted versions available on request.

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