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Shielded Mini XLR Connectors

Shielded Tini-QG (Mini XLR) connectors provide the same great quality as the rest of the Tini-QG series with the added benefit of shielding from EMI and RF interference. Available in 3-8 contacts.

MATERIAL

- **Housing:** Copper alloy, nickel-plated.
- **Pin and Socket Contacts:** Copper Alloy, gold or silver-plated.
- **Flex Relief (optional):** Stainless Steel
- **Latch Button:** Thermoplastic.
- **Inserts and Insulating Spacer:** Thermoplastic (UL-94V-0)
- **Latch (Female):** Copper alloy, nickel-plated.
- **Cable Clamp / Ground Terminal:** Steel, electro-tin plated
- **Handle:** Copper Alloy, nickel plated
- **Tubular Insulator:** Fish Paper

ENVIRONMENTAL

- **Thermal Range:** -55°C to + 85°C.
- **Humidity:** Meets MIL-STD-202, method 106D.
- **Thermal Shock:** Meets MIL-STD-202, method 107D.
- **Salt Spray:** Meets MIL-STD-202, method 101.

SPECIFICATIONS (3 – 5 CORD MOUNT ONLY):

ELECTRICAL

- **Contact Resistance:** .010 ohms maximum after life (and after salt spray).
- **Current Rating (Carry Only):** 5 A, 125 V AC (4 A, 125 V AC on 5 circuit) based on 30°C maximum.
- **Insulation Resistance:** 510,000 megohms minimum @ 500 VDC (initial); 10,000 megohms minimum (after humidity test).
- **Dielectric Strength:** 1,000 V (rms).

MECHANICAL

- **Life:** 5,000 operations minimum
- **Insertion / Withdrawal Forces (after life):** 6.1 lb./2.77 kg after life, insertion; 5.6 lb/2.54 kg, withdrawal.
- **Solderability Standard:** Meets EIA RS-186-9E.
- **Mechanical Shock:** Meets MIL-STD-202, method 213B.
- **Vibration:** Meets MIL-STD-202, method 201A.
- **Wire Size:** #22 wire gauge solid; #24 wire gauge stranded.

SPECIFICATIONS (6 – 8 Cord Mount and all Receptacles and Adapters):

ELECTRICAL

- **Contact Resistance:** .010 ohm maximum after life.
- **Current Rating (Carry only):** 1.5A, 125 VAC, based on 30° maximum
- **Insulation Resistance:** 510,000 MO minimum @ 500 VDC (initial).
- **Dielectric Strength:** 250 V rms.

MECHANICAL

- **Life:** 2,000 operations
- **Insertion / Withdrawal Forces (after life):** –13 pound insertion; –13 pound maximum withdrawal
- **Solderability Standard:** Meets EIA RS-186-9E.
- **Wire Size:** 28 wire gauge stranded.