



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Switchcraft®

Shielded Mini XLR Tini-QG® Series



Shielded Tini-QG®

Features & Benefits:

- Protects circuits from EMI & RF interference
- Sturdy construction with rugged precision machined metal parts and high dimensional stability thermoplastic molded parts
- Latchlock – positive latching systems assures high integrity vibration resistant mating
- Strain relief available for all versions

Tini-QG® Cap

Features & Benefits:

- Provides dust protection for the panel when not connected to cable end
- IP rating of IP50
- Flexible thermoplastic elastomer construction



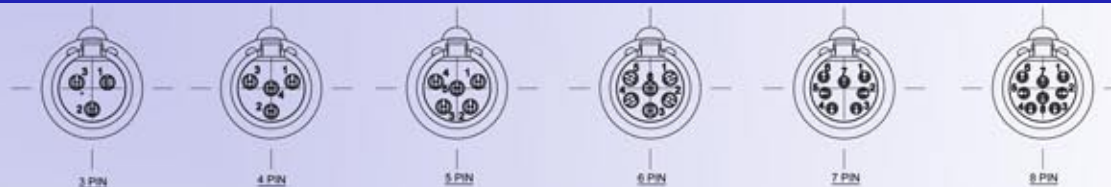
Switchcraft®
Harsh Environment
Connectivity Solutions



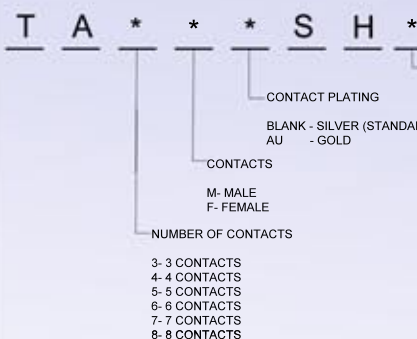
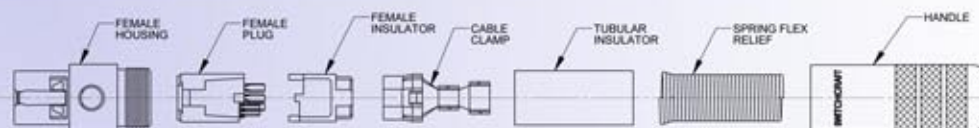
Switchcraft.com
5555 N. Elston Avenue, Chicago, IL 60630
Phone: 773-792-2700 - Fax: 773-792-2129

Switchcraft®

Shielded Mini XLR Tini-QG® Series



SCALE 3:1



Tini-QG® Cap Specifications:

Material Specifications: Thermoplastic elastomer
Part Numbers:
 TINICAP
 TINICAPT B

Shielded Tini-QG® Specifications:

Electrical Specifications (3-5 Cord Mount Only)
Contact Resistance: .010 ohms maximum after life (and after salt spray)
Current Rating (Carry Only): 5 A, 125 VAC (4 A, 125 VAC on 5 circuit) based on 30°C Maximum
Insulation Resistance: 510,000 MΩ minimum @ 500 VDC (initial); 10,000 MΩ minimum (after humidity test)
Dielectric Strength: 1,000 V (rms)

Electrical Specifications (6-8 Cord Mount and all receptacles & adapters)
Contact Resistance: 0.010 ohms maximum after life
Current Rating (Carry Only): 1.5 A, 125 VAC based on 30°C Maximum
Insulation Resistance: 510,000 MΩ minimum @ 500 VDC (initial)
Dielectric Strength: 250 V (rms)

Material Specifications
Housing: Copper alloy, nickel plated
Contacts: Copper alloy, silver or gold plated
Cable Clamp/Ground Terminal: Steel, electro-tin plated
Inserts and Insulating Spacer: Thermoplastic (UL-94V-0)
Handle: Copper alloy, nickel plated
Latch (female only): Copper alloy, nickel plated
Latch Button (female only): Thermoplastic
Tubular Insulator: Fish paper
Spring Flex Relief (optional): Stainless steel

Mechanical Specifications (3-5 Cord Mount Only)
Life: 5,000 operations minimum
Insertion/Withdrawal Forces (after life): 6.1 lb/2.77 kg 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

Mechanical Specifications (6-8 Cord Mount and all receptacles & adapters)
Life: 2,000 operations minimum
Insertion/Withdrawal Forces (after life): 13 lb/5.9 kg insertion; 13 lb/5.9 kg Maximum 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: #28 wire gauge stranded

Environmental Specifications
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