



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®

U.S. Manufacturer of Industrial and Pro Audio/Broadcast Products Since 1946.



## Mega-Con-X Cable Connector

Utilizing a separate o-ring, Mega Con X connectors are available up to 31-#20 pins/sockets. Can be ordered with quick connect type or threaded type coupling. Meets NEMA 6P when mated.

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### Typical Specifications

- Rating: 0.9 thru 2.3A, 600V
- Conductor Size: 20 thru 24 AWG
- Configuration: 31 - #20 Contacts
- Certification:
  - UL Recognized File #E150822 - 600V AC/DC
  - CSA Certified File #181200 - 600V
  - U.L. Temperature 75°C max.
  - Not for current interruption

### Material Specifications

#### Cable Pin/ Socket

- Mechanical Backshell (Threaded): Nylon, UL Recognized, Black
- Strap: Nylon, UL Recognized, Black
- Screws: Stainless Steel
- Grommet: Santoprene Rubber, Black
- Coupling Ring: Nylon, UL Recognized, Black
- Contacts: Brass, Gold over Nickel
- Connector Body: Nylon, UL Recognized, Black
- O-Ring: Neoprene Rubber, Black

#### Panel Mount

- Contacts: Brass, Gold over Nickel
- Panel Body: Nylon, UL Recognized, Black
- Gasket: Neoprene Rubber, Black
- Hex Nut: Nylon, UL Recognized, Black
- Gasket, O-Ring, & Grommet materials are suitable for storage -40°C to +90°C (-40°F to +194°F).
- Consult factory for higher temperature requirements.

### Mechanical Specifications

- Durability: Minimum 300 mate/unmate cycles without mechanical or electrical failure
- Vibration: Coupling rings have overriding locking feature to prevent loosening or separation of connector
- Hex Nut Torque: All series hex nut to withstand 10-12 inch/lb tightening torque

**Electrical Specifications**

- Voltage: 600V
- Current: See Electrical Current Rating Chart

**Environmental Specifications**

- Storage Temperature Rating: -40°C to +115°C (-40°F to +239°F)
- Corrosion: 300 Hr salt spray contacts
- Weathertight: Consult factory with specific application

**Molded Cable Assemblies**

- Watertight: NEMA 6P, 13: IEC IP67