



## Harsh Environment Connectivity Solutions

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### Mini-Con-X® Cable Connectors

Utilizing a separate o-ring, Mini Con X® connectors are available up to 4-#16 pins/sockets, 6-#20 pins/sockets, 5-#16 cable end socket and 7&8-#20 cable end sockets. Meets NEMA 6P when mated.

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### Typical Specifications

- Rating: 4.8 thru 13.0A, 600V
- Conductor Size:
  - #16 Contacts, 16 thru 18 AWG
  - #20 Contacts, 20 thru 24 AWG
- Configuration: 2 thru 5 #16 Contacts or 2 thru 8 #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

- Backshell (Removable Twist Lock): Nylon, UL Recognized, Black
- 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

#### Optional

- Long Backshell (Removable Twist Lock): Nylon, UL Recognized, Black (Style #5)

- Winged Coupling Ring: Nylon, UL Recognized, Black (W/6482)

### **Cable to Cable**

- Backshell (Removable Twist Lock): Nylon, UL Recognized, Black
- Grommet: Santoprene Rubber, Black
- Contacts: Brass, Gold over Nickel
- Connector Body: Nylon, UL Recognized, Black

### **Panel Mount**

- Contacts: Brass, Gold over Nickel
- Panel Body: Nylon, UL Recognized, Black
- Gasket: Neoprene Rubber, Black
- Hex Nut: Nylon, UL Recognized, Black

### **Optional**

- Dust Cap: Santoprene Rubber, Black (Part No. 6295)
- 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.

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