

## INTRODUCING THE SHIELDED MINI-CON-X® CONNECTOR

### Features and Benefits

- Complete replacement for MINI-CON-X®
- Panels are factory assembled and sealed
- Scoop-proof connector design
- Anti-slip machined nut standard on panel connectors
- Precision machined housings
- Two shell sizes & multiple keying arrangements

### Product Specifications

#### Materials

##### **Panel Shell, Cable Housing & Coupling Nuts:**

Nickel plated copper alloy

##### **All Connector Inserts:** Engineered Polyester Resin

##### **Contacts:** Gold plated copper alloy with nickel underplate

##### **Backshell & Strap:** G.F. Nylon

##### **O-Rings:** Neoprene

##### **Screws:** Stainless Steel

#### Mechanical

##### **Shock:** Method 213, Mil-Std 202

##### **Vibration:** Method 201, Mil-Std 202

##### **Life:** 400 insertion/withdrawl cycles

#### Electrical

##### **Voltage Rating:** Tested at 600 VRMS

##### **Insulation Resistance:** Method 302, Mil-Std 202

##### **Contact Resistance:** Method 307, Mil-Std 202

##### **Current Ratings:**

13A: 4 maximum #16 contact with 16 AWG

7.5A: 3 maximum #20 contacts with 20 AWG

5.6A: 12 maximum #20 contacts with 20 AWG

#### Environmental

##### **Temperature Rating:** -40°C (-40°F) to +120°C (+248°F)

##### **Temperature Rise:** UL 1054

##### **Thermal Shock:** Method 107, Mil-Std 202

##### **Moisture/Salt Spray:** Method 106F / 101 Mil-Std 202

#### Product Ratings

IP66 / IP68 (when mated)

RoHS Compliant



Mated Cable End  
and Panel Mount



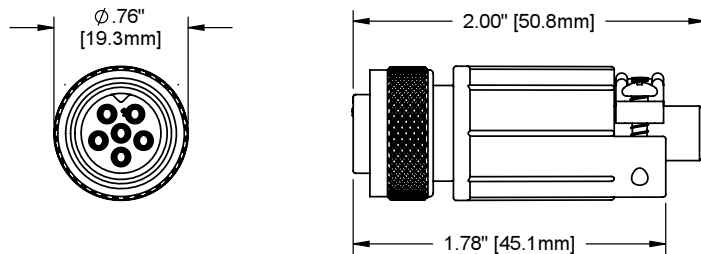
Cable End



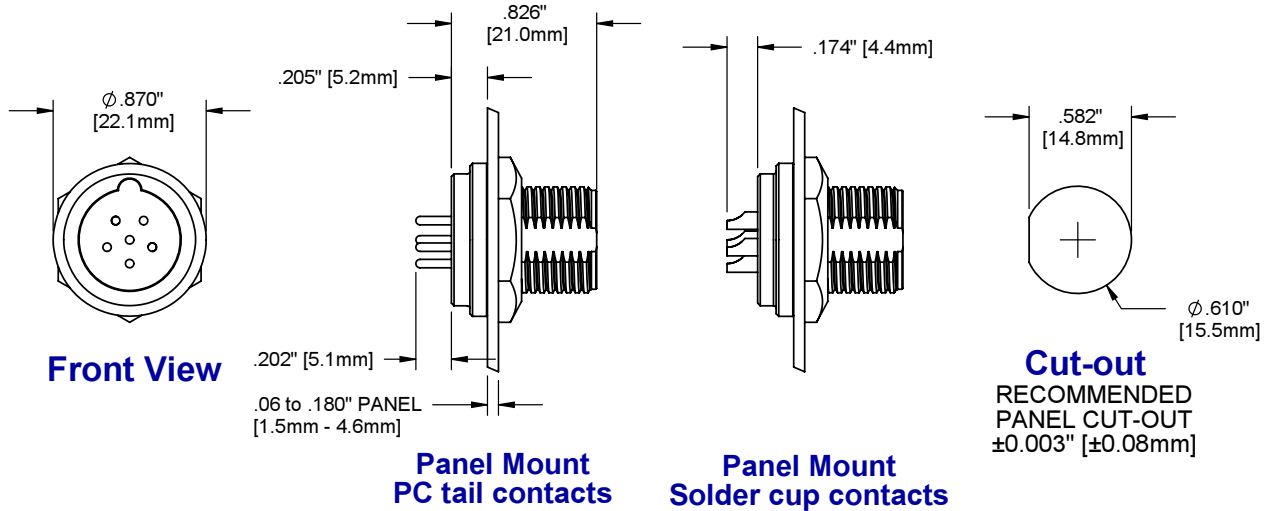
Epoxy Sealed  
Panel Mount

# Shielded MINI-CON-X® Connector

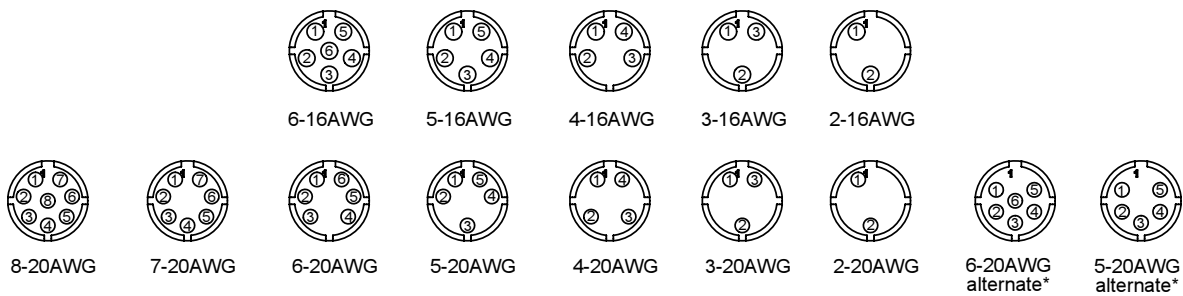
## Cable End



## Panel Mount



## Contact Arrangements (Wiring View of Cable End)



\* Consult Factory

## Code Logic

