



FIELD INSTALLABLE SHIELDED MULTI-CON-X®

Conxall® introduces its newest series of "Con-X" product, the Field Installable Shielded Multi-Con-X®. This product was designed for field installations where:

- Circuits must be protected from electromagnetic or radio frequency interference
- Surrounding equipment must be protected from circuit emmittance
- An earth ground must be carried via the cable shield through the connector shell, coupling ring, and receptacle to ground (panel).

The Field Installable Shielded Multi-Con-X® offers a simple, unique method of completing the shield between the cable and the connector housing (requiring no additional or special installation tools). The backshell can be assembled with nothing more than a screwdriver.

Features

- 6 keyway orientations available
- 2 - 9 pole insert configurations with 20 size contacts available in 4 keying arrangements
- 2 - 12 pole insert configurations with 20 size contacts available in 1 keying arrangement
- 2 - 4 pole insert configurations with 16 size contacts available in 1 keying arrangement
- Panel Mounts are available with male contacts only (solder or P.C. Tail termination)
- Cable Ends are available with female contacts only (solder termination)
- Not mateable with standard (unshielded) Multi-Con-X® product
- Panel Mounts are available with a metal or plastic housing

Specifications

Electrical Rating

600 Volts RMS

13A: 4 maximum #16 contacts with 16 AWG wire

7.5A: 3 maximum #20 contacts with 20 AWG wire

5.6A: 12 maximum #20 contacts with 20 AWG wire

Cable Ends

Coupling Nut & Housing: Nickel Plated Brass

Contacts: Copper Alloy, 30 μ in. min. Gold over 50 μ in. min. Nickel Plating

Insert: Engineered Polyester Resin

Backshell & Strap: G.F. Nylon

Screws: Stainless Steel

O-Rings: Neoprene

Metal Panel Mounts

Shell: Nickel Plated Brass

Nut: Nickel Plated Brass

Contacts: Copper Alloy, 30 μ in. min. Gold over 50 μ in. min. Nickel Plating

Insert: Engineered Polyester Resin

Plastic Panel Mounts

Housing: Engineered Polyester Resin

Shielding Nut: Nickel Plated Aluminum

Contacts: Copper Alloy, 30 μ in. min. Gold over 50 μ in. min. Nickel Plating

Environmental:

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

RoHS Compliant



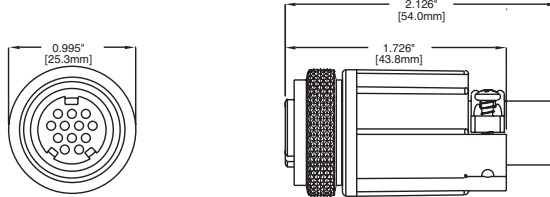
PRODUCT BULLETIN C701

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a Switchcraft® Co.
www.conxall.com

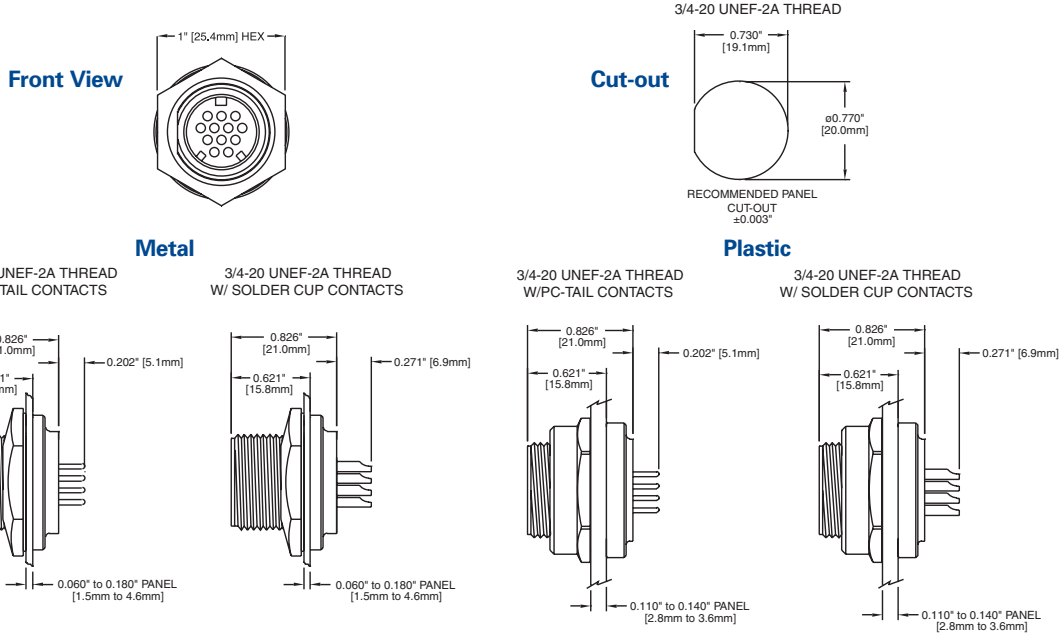
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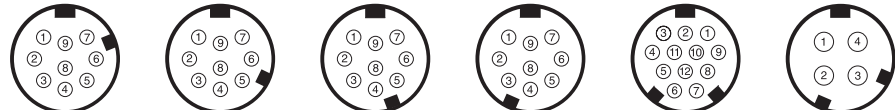
Cable End



Panel Mount



Insert Platforms (Wiring View of Cable End)



Keying

Max Contact Count/Contact Size **9/#20** **9/#20** **9/#20** **9/#20** **12/#20** **4/#16**
 (For less than full complement insert patterns, consult factory)

Code Logic

SF	4	2	82	V	-	12	E	P	G	-	3ES
Shielded Field Installable	Contact Size 2 - #20 3 - #16				# of Contacts 2 - 12	Contact Type Pin (Panel Mount) Socket (Cable End)		Plating Gold			
Multi-Con-X 3 - Cable End 4 - Panel Mount	Contact Style 81 - PC Tail (Panel Only) 82 - Solder Cup				Keying A - D (2 - 9 #20 Contacts) E (2 - 12 #20 Contacts) F (2 - 4 #16 Contacts)		Backshell and Panels 3ES: Panel w/ Epoxy 520: Backshell w/ .200" Grommet ID 540: Backshell w/ .400" Grommet ID (Consult Factory for Other Sizes)				
Insert & Shell Material Only "Blank" - Engineered Polyester Resin Insert (Cable End Only) "Blank" - Nickel Plated Brass Panel Mount Shell with an Engineered Polyester Resin Insert V - One Piece Engineered Polyester Resin Panel Mount Shell											