

conxall Field Installable Connectors A Switchcraft Company Mini-Con-X® Series (Cont.)



Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 4-6.

Fig. 3 — Panel Mount Receptacle with Male Insert

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-6.

Fig. 4 — Panel Mount Receptacle with Female Insert

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-6.

Fig. 5 — Cable to Cable — Cable Mount Socket with Male Insert

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-6.

Fig. 6 — Cable to Cable — Cable Mount Socket with Female Insert

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Multi-Con-X® Series

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No.

Fig. 1 — Cable Pin — Plug with Male Insert

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-9.

Fig. 2 — Cable Socket — Plug with Female Insert

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-9.

Fig. 3 — Panel Mount Receptacle with Male Insert

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Fig. 4 — Panel Mount Receptacle with Female Insert

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Fig. 7 — Dust Cap for Multi-Con-X Connectors

Table with columns: No. of Pos., Dim. (Inch) A, B, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No.

Harsh Environment IP66/IP68 Shielded Mini-Con-X® Connector



Features and Benefits: • Protects circuits from EMI and RF interference • Rugged machined metal housing and construction • Field installable • Scoop-proof connector design • Same panel cut-out as Mini-Con-X® • Also available over-molded

Specifications:

Materials: • Panel Shell, Cable Housing and Coupling Nuts: Nickel plated copper alloy • All Connector Inserts: Engineered Polyester Resin • Contacts: Gold plated copper alloy with nickel underplate • Backshell and Strap: G. F. Nylon • O-Rings: Neoprene • Screws: Stainless Steel • Grommet: Santoprene®

Electrical: • Voltage Rating: Tested at 600 VRMS • Current Ratings: 13A: 1 - 6, #16 contacts with 16AWG wire; 7.5A: 1 - 3, #20 contacts with 20AWG wire; 5.6A: 4 - 8, #20 contacts with 20AWG wire

Environmental: • Operating Temperature Limits: -40°C ~ 85°C (-40°F ~ 185°F)

Product Ratings: • IP66/IP68 (when mated)

Dimensions in Inches

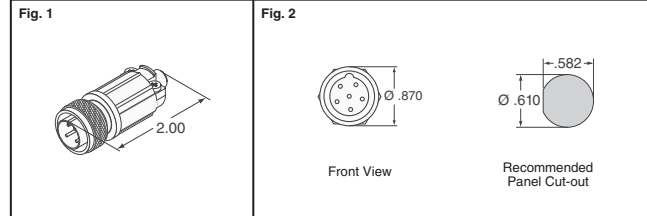


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Fig. 1 — Cable End Pin, 20 AWG

Table with columns: No. of Pos., Description, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-8.

Fig. 1 — Cable End Socket, 20 AWG

Table with columns: No. of Pos., Description, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-8.

Fig. 1 — Cable End Pin, 16 AWG

Table with columns: No. of Pos., Description, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-6.

Fig. 1 — Cable End Socket, 16 AWG

Table with columns: No. of Pos., Description, Max. Cable Dia. (Inch), Digi-Key Part No., Price Each 1, 10, 25, Conxall Part No. Rows 2-6.

Fig. 2 — Panel Mount Pin, 20 AWG

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Fig. 2 — Panel Mount Socket, 20 AWG

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Fig. 2 — Panel Mount Pin, 16 AWG

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Fig. 2 — Panel Mount Socket, 16 AWG

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