



Micro-Con-X® 2-7

Features & Benefits

- Up to 7 contacts in a compact design
- IP-67 rating
- IP-68 overmolded cable assemblies
- All plastic design is light weight
- Variety of standard options to meet all design specifications
- Custom cable assemblies available

Applications

- Instrumentation
- Medical Equipment
- Lighting
- GPS
- Data Acquisition
- General Industrial Electronic Applications



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Micro-Con-X® 2-7

New Product Bulletin C708



2-position
#20 Pin



3-position
#20 Pin Contact



4-position
#22 Pin Contact



5-position B-key
#26 Pin Contact



6-position A-key
#26 Pin Contact



7-position B-key
#26 Pin Contact



2-position
#20 Socket Contact



3-position
#20 Socket Contact



4-position
#22 Socket Contact



5-position B-key
#26 Socket Contact



6-position A-key
#26 Socket Contact



7-position B-key
#26 Socket Contact

PANEL MOUNT / CABLE TO CABLE CONNECTORS

Front View



2-position
#20 Pin Contact



3-position
#20 Pin Contact



4-position
#22 Pin Contact



5-position B-key
#26 Pin Contact



6-position A-key
#26 Pin Contact



7-position B-key
#26 Pin Contact



2-position
#20 Socket Contact



3-position
#20 Socket Contact



4-position
#22 Socket Contact



5-position B-key
#26 Socket Contact



6-position A-key
#26 Socket Contact



7-position B-key
#26 Socket Contact

CABLE CONNECTORS

Front View

Typical Specifications

Rating: 3.0 thru 7.5A, 600V

Conductor Size: 20 thru 26 AWG

Configuration: 2 & 3 #20 Contacts, 4 #22 Contacts & 5-7 #26 Contacts

Certification: UL Recognized File #E150822 - 600V

PENDING

CSA Certified File #181200 PENDING

Environmental Specifications

Temperature Rating: -40°C to +75°C (-40°F to +167°F)

Weathertight: Consult factory with specific application

Molded Cable Assemblies

Watertight: NEMA 6P, 13; IEC IP67 (when mated)

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 10-11 inch/lb tightening torque.

Electrical Specifications

Voltage: 600 V

Current: 7.5 amps- 2 or 3 #20 contacts

6.0 amps – 4 #22 contacts

4.0 amps – 5 or 6 #26 contacts

3.5 amps – 7 #26 contacts

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Harsh Environment
Connectivity Solutions



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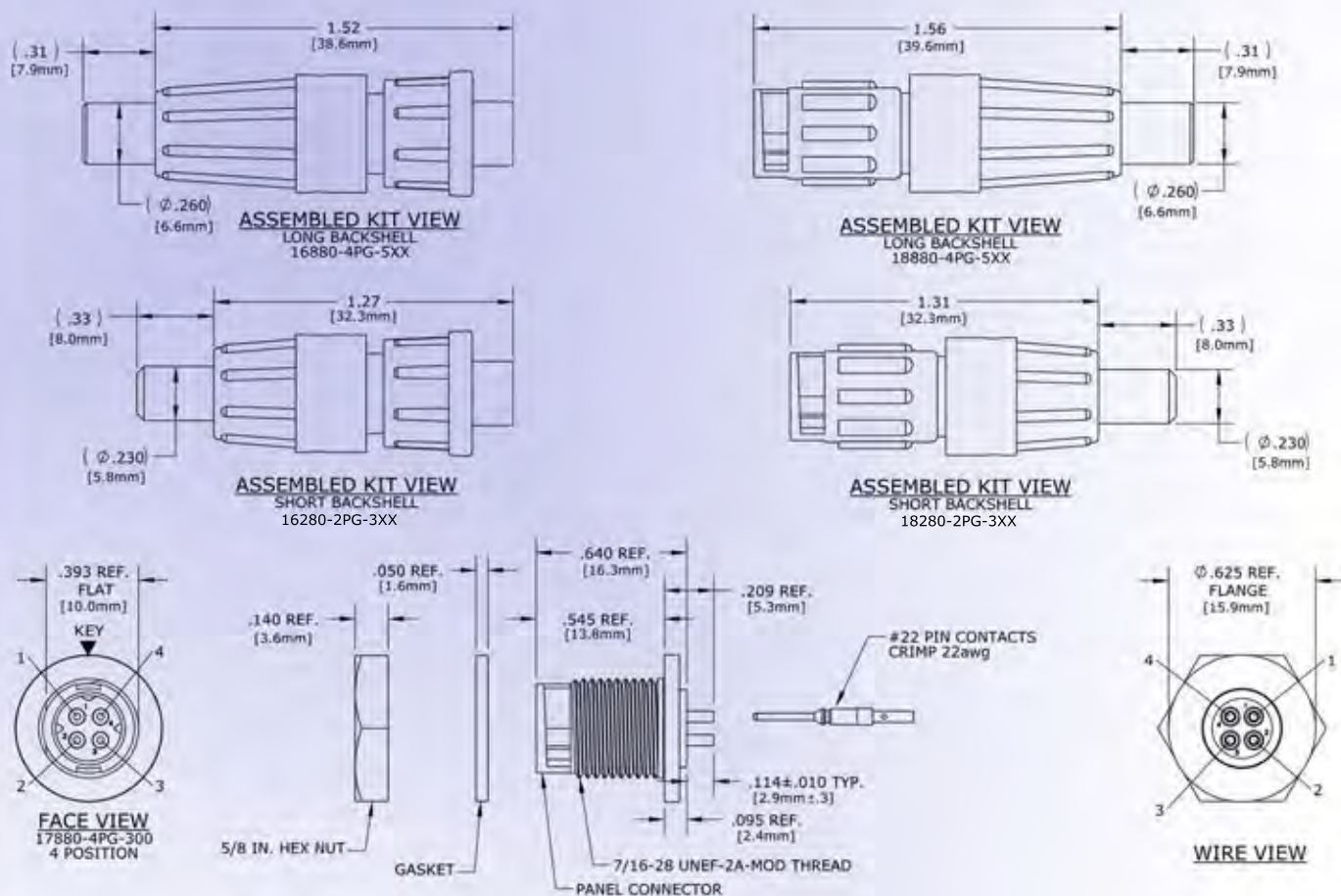
Please check our website www.switchcraft.com for the most up to date product specifications



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Material Specifications

Cable Pin/Socket

Backshell (Non-Removable Snap Lock): Thermoplastic, UL Recognized, Black

Grommet: TPE, Black

Coupling Ring: Thermoplastic, UL Recognized, Black

Contacts: Copper Alloy, Gold over Nickel

Connector Body: Thermoplastic, UL Recognized, Black

O-Ring: Rubber, Black

Cable to Cable

Backshell (Non-Removable Snap Lock): Thermoplastic, UL Recognized, Black

Grommet: TPE, Black

Contacts: Copper Alloy, Gold over Nickel

Connector Body: Thermoplastic, UL Recognized, Black

Panel Mount

Contacts: Copper Alloy, Gold over Nickel

Panel Body: Thermoplastic, UL Recognized, Black

Gasket: Rubber, Black

Hex Nut: Thermoplastic, UL Recognized, Black

Optional

Dust Cap: TPE, Black (Part No. 16295) Gasket, O-Ring, & Grommet materials are suitable for -40°C to +90°C (-40°F to +194°F). Consult factory for higher temperature requirements.

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Standard "Micro-Con-X" Product (Logic Code for Panel, Cable, and In-Line Connector Assemblies)

1X X XX X- XXG- XXX X

Type of Cable Ends

- 16 - Cable End
- 17 - Panel Mount
- 18 - Cable to Cable

Contact Size

- 2 - #20
- 8 - #22
- 9 - #26

Contact Style

- 8X - Std. Non-Hooded
 - "0" - Crimp
 - "1" - #20 PC Tail
 - "2" - Solder
 - "3" - #22 PC Tail
 - "4" - #26 PC Tail
- 9X - Extended PC Tail
 - "1" - #20 PC Tail .280"
 - "2" - #20 PC Tail .335"

Insert Material Only

- "Blank" - Thermoplastic
- "V" - Increased Temp Thermoplastic

Special Features

"W" - Winged Coupling. Nut

Backshell Style - Standard Snap Lock with Grommet O.D. (Cable O.D. Range)

3XX - Short Backshell (2&3 Contacts Only)

"11" - .09 - .14

"15" - .15 - .17

"18" - .18 - .20

5XX - Long Backshell (2-7 Contacts)

"18" - .18 - .19

"21" - .21 - .22

"22" - .22 - .23

Panel Mount

with Hex Nut & Gasket

3ES - with Epoxy

300 - without Epoxy (2&3 Contacts Only)

Plating- Gold over Nickel
(Optional Thickness Available)

"G"

Type of Contacts

Pin or Socket

No. of Contacts

2 or 3 - (#20 Contacts Only)

4 - (#22 Contacts Only)

5, 6, or 7 - (#26 Contacts Only)

PC Tail and Solder Contacts are supplied assembled.

Consult factory for custom design cable assemblies and connectors.

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