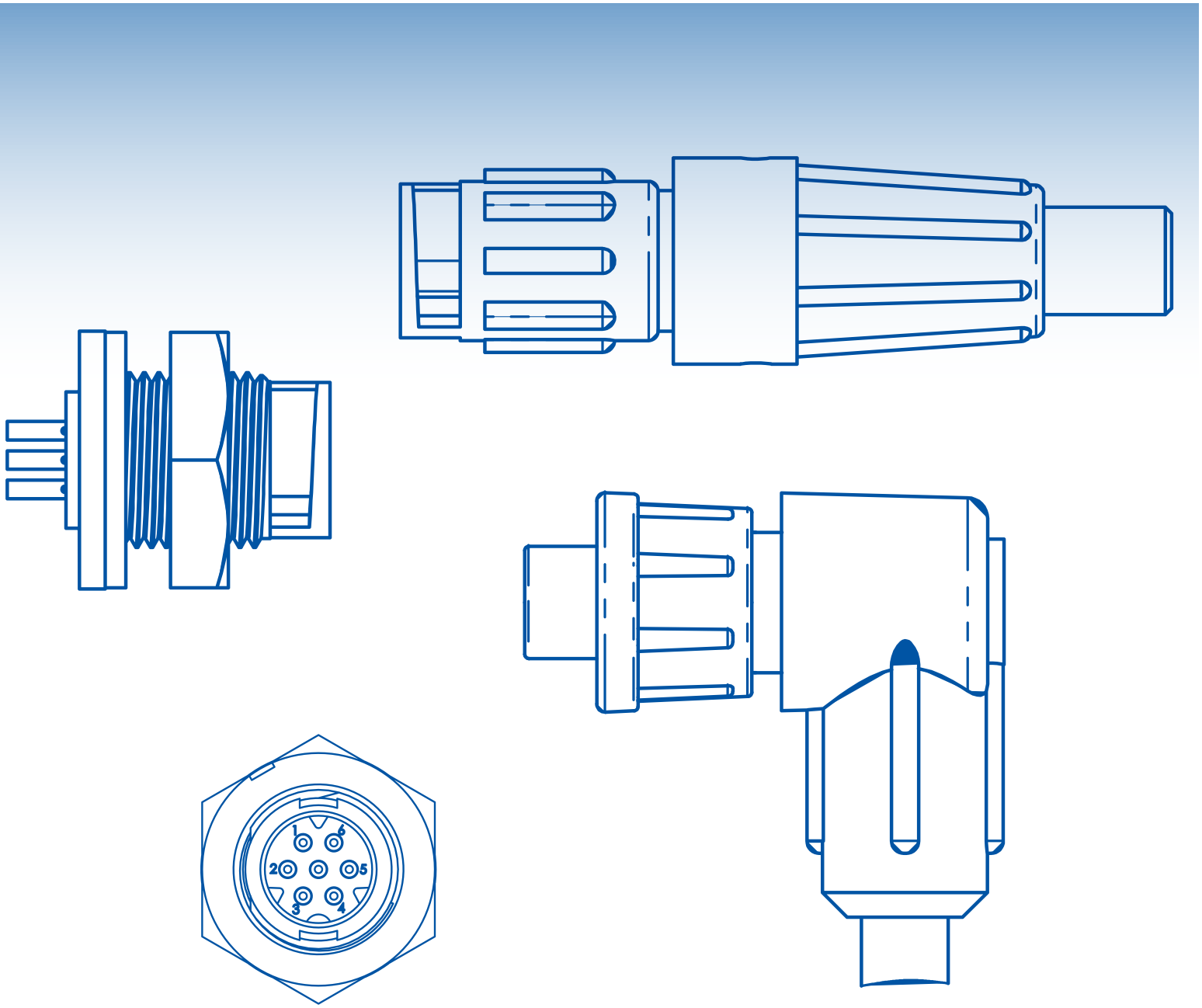

MICRO-CON-X® 2-7

NEW PRODUCT BULLETIN C708

CONXALL®

A SWITCHCRAFT COMPANY

CONXALL • 601 E Wildwood • Villa Park, IL 60181 • 630-834-7504
Please visit conxall.com for the most up-to-date product specifications. Made in USA.

MICRO-CON-X® 2-7

NEW PRODUCT BULLETIN C708

FEATURES & BENEFITS

- Up to 7 contacts in compact design
- IP-67 rating, at the face (when mated)
- IP-67 molded cable assemblies (when mated)
- All plastic design is light weight
- Variety of standard options to meet all design specifications
- Custom cable assemblies available
- UL recognized

APPLICATIONS

- Instrumentation
- Medical Equipment
- Lighting
- GPS Locating Devices
- Data Acquisition
- General industrial electronic applications

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MICRO-CON-X® 2-7

NEW PRODUCT BULLETIN C708

SPECIFICATIONS

Mechanical Specifications

Life:	Minimum 300 cycles insertion / withdrawal cycles
Vibration:	Coupling rings have overriding locking feature to prevent loosening or separation of connector
Hex Nut Torque:	9 in-lb max tightening torque.
Coupling Locking Style:	Bayonet with ribbed coupling nut (winged coupling nut available) P/N 16482
Backshell Style:	Non-removable snap lock
Conductor Sizes:	#20 accepts 20 through 24 AWG #22 contacts accepts 22 through 24 AWG #26 contacts accepts 24 through 28 AWG

Electrical Specifications

Voltage Rating:	600V AC/DC
Current Rating:	7.5 A – max (See Electrical Current Rating Chart)

Environmental Specifications

Operating Temperature Rating:	-40ºC to +85ºC (-40ºF to +185°F)
Salt Atmosphere (Corrosion):	300 Hr salt spray when mated
Weathertight:	IP67 at the face, when mated

Material Specifications

Backshell:	Thermoplastic, UL 94HB, Black
Contacts:	Copper Alloy, Gold over Nickel Plate
Coupling Ring:	Thermoplastic, UL 94HB, Black
Gasket:	Elastomer, Black
Grommet / Strain Relief:	Elastomer, Black
Hex Nut:	Thermoplastic, UL 94HB, Black
O-Ring:	Elastomer, Black
Shell:	Thermoplastic, UL 94HB, Black
Optional Dust Cap:	Elastomer, Black

Molded Cable Assemblies

Weathertight:	NEMA 6P, 13: IEC IP67

Certifications

UL File E150822
CSA File 181200
Not for current interruption
RoHS compliant
REACH compliant

Options

UV Rating:	f1 available
Flame Rating:	UL 94-HB; UL 94V-0 available

Consult factory for optional colors and materials

CONTACT SIZE	CONDUCTOR SIZE - AWG	NUMBER OF CONDUCTORS	CURRENT RATING
#20	#18	1 through 3	7.5A
	#20	1 through 3	7.5A
#22	#22	4	6.0A
	#24	4	6.0A
#26	#24	5, 6	4.0A
	#26	5, 6	4.0A
	#24	7	3.5A
	#26	7	3.5A
	#28*	5-7	2.0A

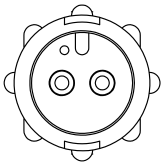
*Not UL tested for this wire conductor size

MICRO-CON-X® 2-7

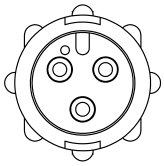
NEW PRODUCT BULLETIN C708

PANEL MOUNT / CABLE TO CABLE CONNECTORS

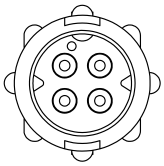
Front View | Wire View



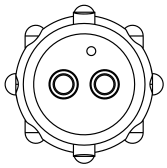
2 POSITION
#20 PIN & SOCKET
CONTACT



3 POSITION
#20 PIN & SOCKET
CONTACT



4 POSITION
#22 PIN & SOCKET
CONTACT



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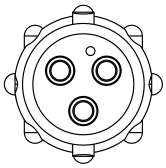
CONTACT



3 POSITION
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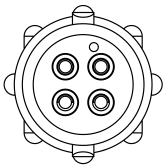
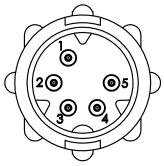
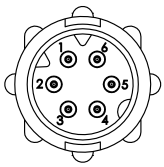
CONTACT



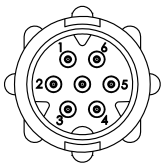
4 POSITION
#22 PIN & SOCKET
CONTACT



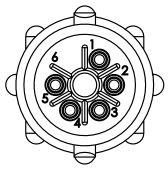
5 POSITION B-KEY
#26 PIN & SOCKET
CONTACT



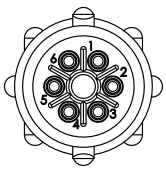
6 POSITION A-KEY
#26 PIN & SOCKET
CONTACT



7 POSITION B-KEY
#26 PIN & SOCKET
CONTACT



5 POSITION B-KEY
#26 PIN & SOCKET
CONTACT

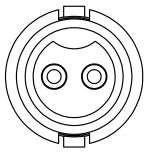


6 POSITION A-KEY
#26 PIN & SOCKET
CONTACT

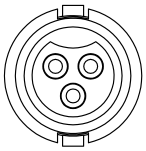
7 POSITION B-KEY
#26 PIN & SOCKET
CONTACT

CABLE CONNECTORS

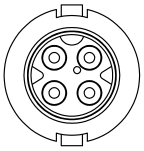
Front View | Wire View



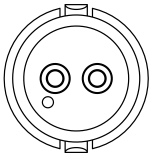
2 POSITION
#20 PIN & SOCKET
CONTACT



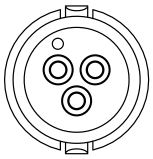
3 POSITION
#20 PIN & SOCKET
CONTACT



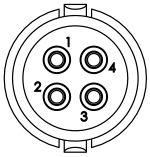
4 POSITION
#22 PIN & SOCKET
CONTACT



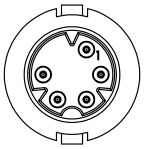
2 POSITION
#20 PIN & SOCKET
CONTACT



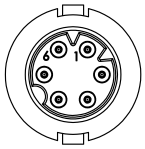
3 POSITION
#20 PIN & SOCKET
CONTACT



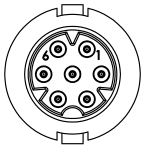
4 POSITION
#22 PIN & SOCKET
CONTACT



5 POSITION B-KEY
#26 PIN & SOCKET
CONTACT



6 POSITION A-KEY
#26 PIN & SOCKET
CONTACT



7 POSITION B-KEY
#26 PIN & SOCKET
CONTACT

5 POSITION B-KEY
#26 PIN & SOCKET
CONTACT

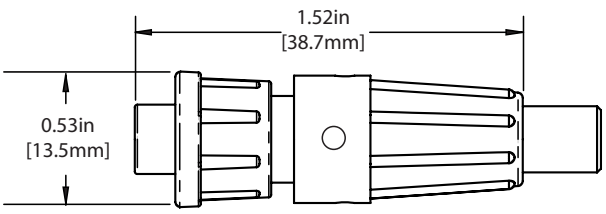
6 POSITION A-KEY
#26 PIN & SOCKET
CONTACT

7 POSITION B-KEY
#26 PIN & SOCKET
CONTACT

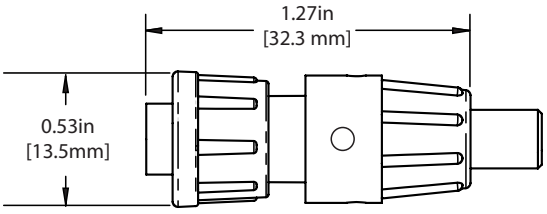
MICRO-CON-X® 2-7

NEW PRODUCT BULLETIN C708

CABLE

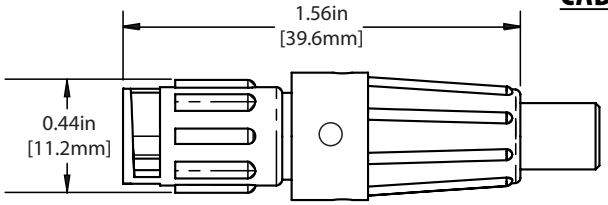


16XXX-XXG-5XX
FIELD INSTALLABLE
CABLE CONNECTOR
BACKSHELL TYPE 5-LONG

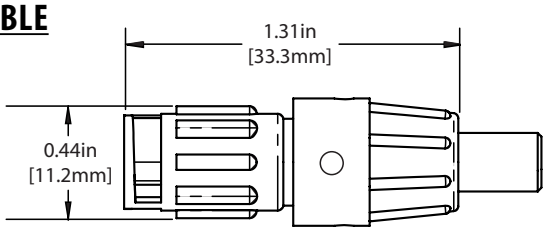


16XXX-XXG-3XX
FIELD INSTALLABLE
CABLE CONNECTOR
BACKSHELL TYPE 3-SHORT
2 & 3 POSITION ONLY

CABLE TO CABLE

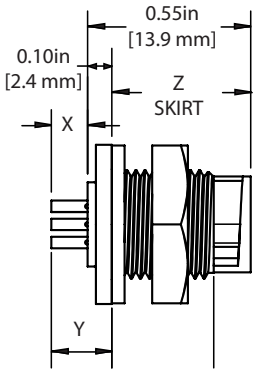


18XXX-XXG-5XX
FIELD INSTALLABLE
CABLE TO CABLE
CONNECTOR
BACKSHELL TYPE 5-LONG

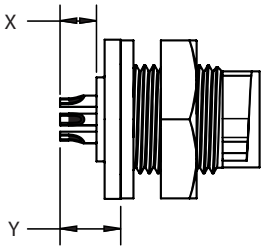


18XXX-XXG-3XX
FIELD INSTALLABLE
CABLE TO CABLE
CONNECTOR
BACKSHELL TYPE 3-SHORT
2 & 3 POSITION ONLY

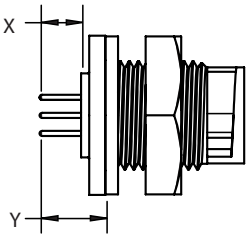
PANEL



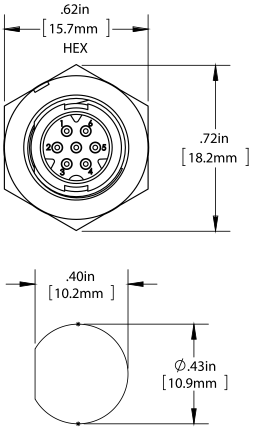
17X80-XXG-3XX
PANEL MOUNT CONNECTOR
CRIMP



17X82-XXG-3XX
PANEL MOUNT CONNECTOR
SOLDER CUP



17X8X-XXG-3XX
PANEL MOUNT CONNECTOR
PC TAIL



RECOMMENED
PANEL CUT-OUT
TOLERANCE: ±.003

*X, Y, Z - CONSULT FACTORY

All dimensions are for reference only.

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MICRO-CON-X® 2-7

NEW PRODUCT BULLETIN C708

ORDERING CODE

XX X XX - XXG - XXX X

Special Features
"W" - Winged Coupling Nut

Type of Cable Ends
16 - Cable End
17 - Panel mount
18 - Cable to Cable

Cable & Cable to Cable Backshell Style - Non-removable Snap Lock with Grommet (Cable O.D. Range)
3XX - Short Backshell (2&3 Contacts Only)
"11" - 0.09 - 0.14
"15" - 0.15 - 0.17
"18" - 0.18 - 0.20
5XX - Long Backshell (2-7 Contacts)
"18" - 0.18 - 0.20
"21" - 0.21 - 0.22
"22" - 0.22 - 0.23

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

Panel Mount
with Hex Nut & Gasket
3ES - with Epoxy
300 - with out Epoxy

Contact Style
8X - **"0"** - Crimp
"1" - #20 PC Tail Standard*
"2" - Solder
"3" - #22 PC Tail
"4" - #26 PC Tail
9X - Extended PC Tail
"1" - #20 PC Tail Medium*
"2" - #20 PC Tail Long*

Gold Plated

No. & Type of Contacts
Pin or **S**ocket

***Consult factory for length and diameter of PC Tail. Additionally, alternative colors and materials are available.**

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург, Промышленная ул, дом № 19, литера Н, помещение 100-Н Офис 331