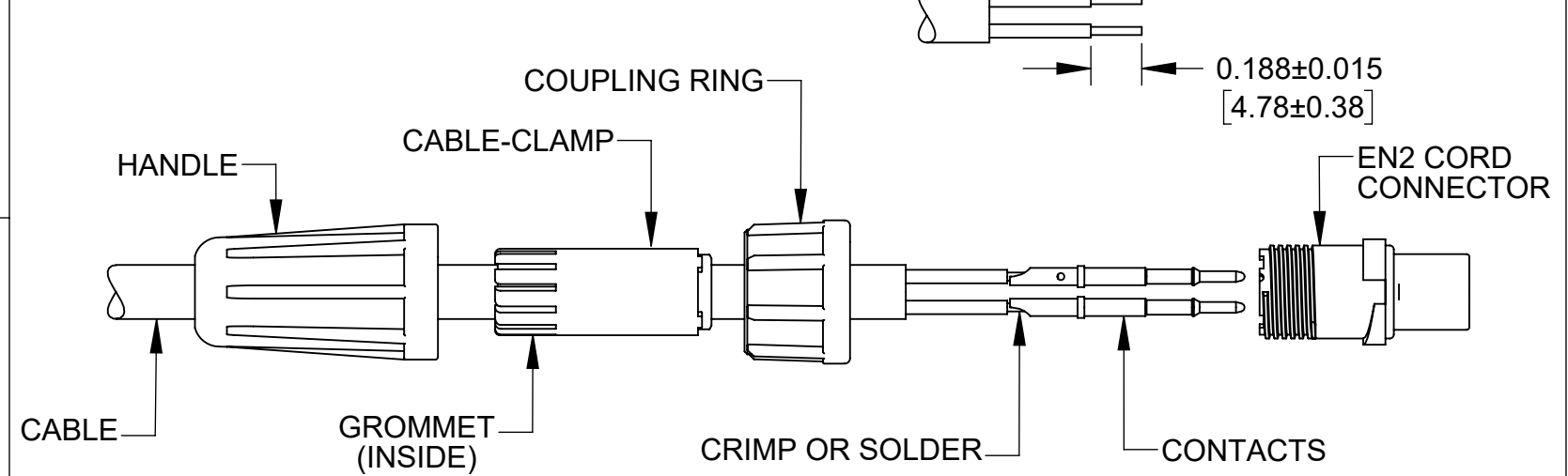


**CONTACT ARRANGEMENTS
CORD CONNECTOR REAR (WIRING SIDE) VIEW**

EN2 CORD CONNECTOR FIELD ASSEMBLY INSTRUCTIONS:

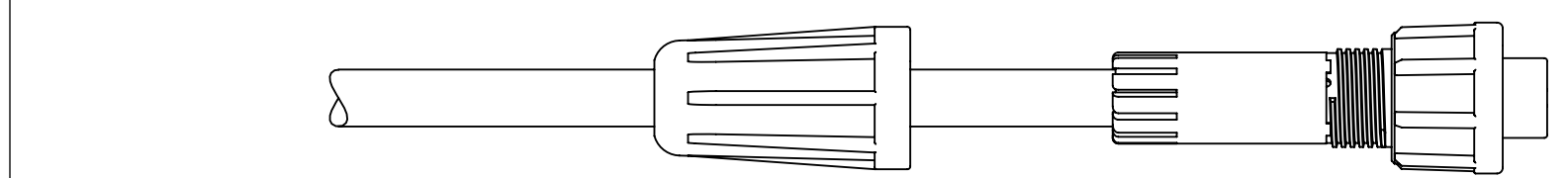
Feed the free end of cable through the handle, cable-clamp/grommet, and coupling ring in the order shown.

Strip cable end and conductors as shown.



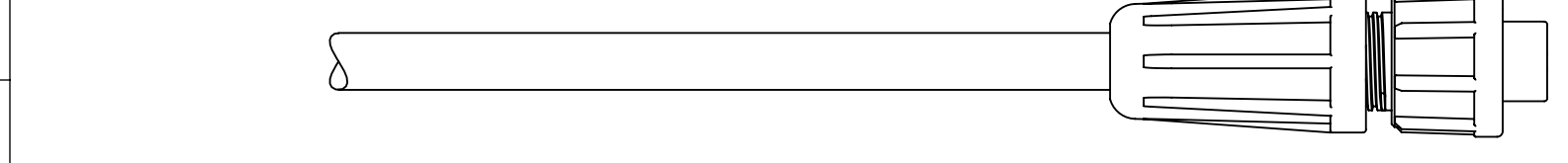
Soldering or crimping conductors to contacts is recommended before insertion into connector. If crimping, use hand or pneumatic crimp tool with crimp positioner per contact size. If soldering after contacts are inserted in the connector, limit exposure of contacts to soldering iron temperature to 4 sec. maximum. Soldering iron temperature should not exceed 650°F (343°C).

Insert wired contacts into connector housing using an insertion tool and per contacts arrangements.

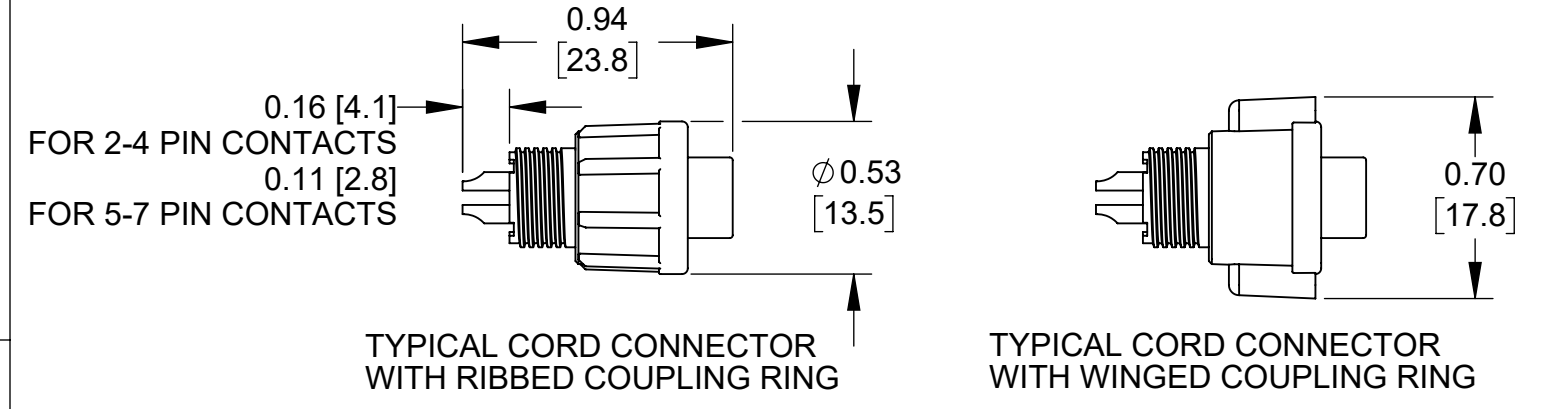


Align coupling ring over housing and bring forward.

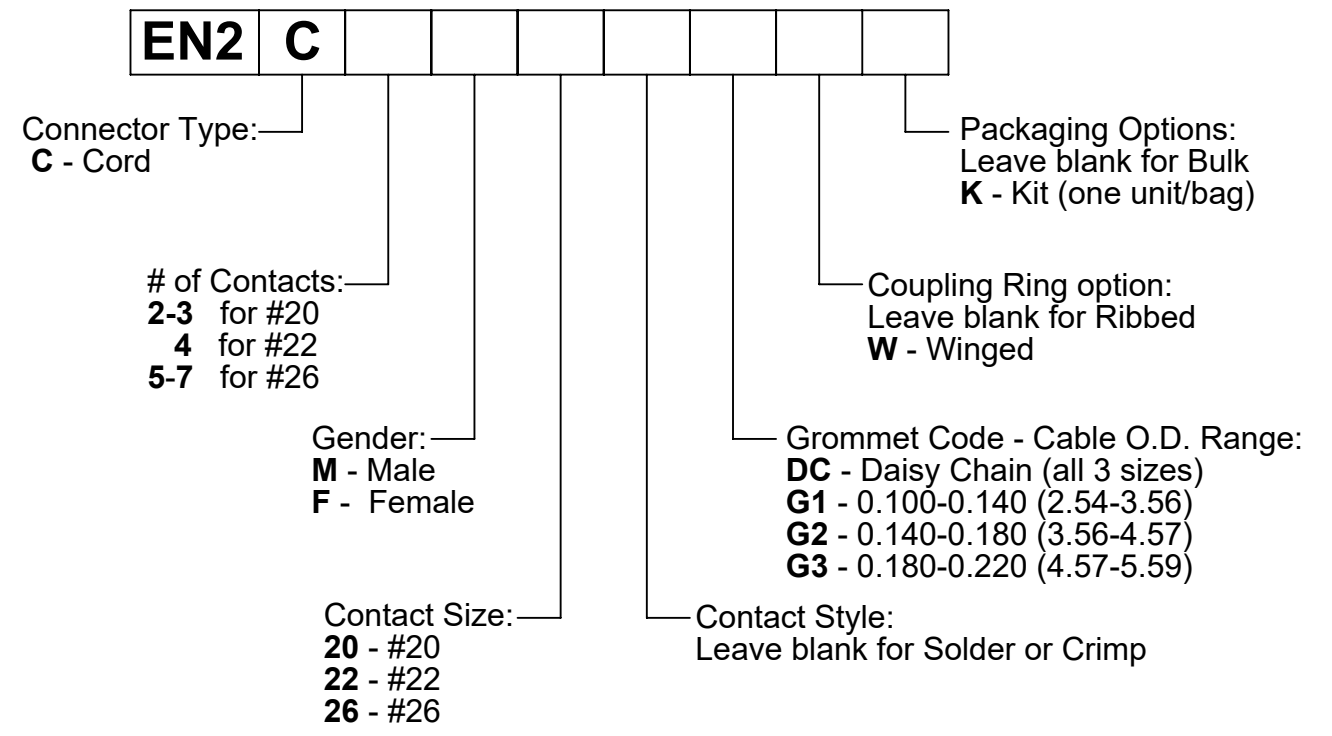
Align cable-clamp/grommet on the rear of housing. Make certain grommet is completely inside the cable-clamp in the final position.



Bring forward and thread handle onto housing until tight. Do not exceed 2 in-lb torque.



PART NUMBER SCHEME:



SPECIFICATIONS:

MECHANICAL

Life: 600 cycles minimum
Vibration: Mil-Std 202G Method 201A

ELECTRICAL

Voltage Rating: 250 V AC/DC for 2 contact arrangement
125 V AC/DC for 3-7 contact arrangements
Insulation Resistance: 1000 MΩ minimum
Contact Resistance: 10 mΩ maximum
Current Rating: Refer to Current Rating Table

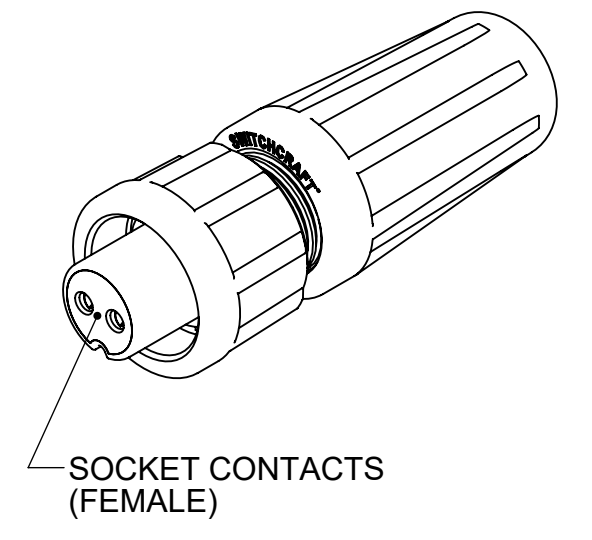
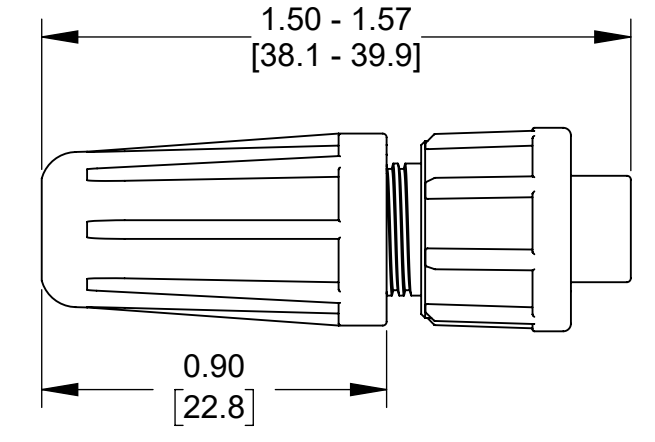
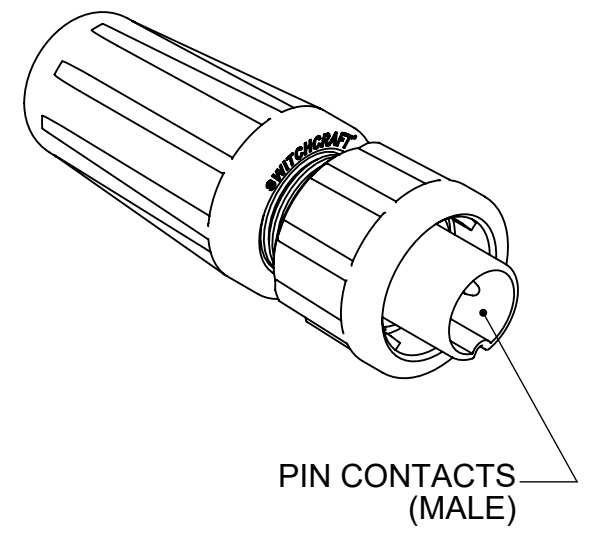
ENVIRONMENTAL

Operating Temperature Limits: -40°C to +85°C (-40°F to +185°F), see Current Rating Table.
Moisture Resistance: Mil-Std 202G Method 106G
Insulation Resistance: Mil-Std 202G Method 302
Thermal Shock: Mil-Std 202G Method 107G
Salt Atmosphere (Corrosion): Mil-Std 202G Method 101E
Weathertight Ratings: IP16, IP18, IP66, IP67, IP68 per IEC60529
NEMA 250 (6P), CFR 46 Part 110.20

MATERIAL

Connector Housing ----- Thermoplastic, black
Coupling Ring ----- Thermoplastic, black
Cable Clamp ----- Thermoplastic, black
Handle (back-shell) ----- Thermoplastic, black
Insulator ----- Elastomer, black
Seal Grommet ----- Elastomer, black
Contacts ----- Copper Alloy, plated

Contacts	Wire (awg)	Current Rating (A) at Operating Temperature (°C)				
		45°C max.	55°C max.	65°C max.	75°C max.	85°C max.
2 #20	20	7	6	5	4	3.5
	22	5.5	5	4	3	2.5
	24	5.5	5	4	3	2.5
	26	4	3.5	2.5	2	1
3 #20	20	6.5	5.5	4.5	3.5	2
	22	5	4.5	3.5	3	1.5
	24	5	4.5	3.5	3	1.5
	26	3	2.5	2	1.5	0.5
4 #22	20	5	4.5	3.5	3	1.5
	22	4.5	4	3	2	1
	24	4.5	4	3	2	1
	26	3	2.5	2	1.5	0.5
5-7 #26	26	3	2.5	2	1.5	1
	28	2.5	2	1.5	1	0.5
	30	2	1.5	1	0.5	0.5



ALL DIMENSIONS FOR REFERENCE ONLY

CUSTOMER DRAWING

TOOL	TOOL TYPE	POSITIONER	CONTACT SIZE	WIRE SIZES
EN3CR	HAND CRIMP TOOL	EN2POS20	20 and 22	20 and 22 AWG
		EN3POS26	26	26, 28, and 30 AWG
EN3CRAUTO	PNEUMATIC CRIMP TOOL	EN2POS20	20 and 22	20 and 22 AWG
		EN3POS26	26	26, 28, and 30 AWG
EN2CRL	HAND CRIMP TOOL LARGE FRAME	EN2POS20L	20 and 22	20, 22, 24, and 26 AWG
EN2CRAUTOL	PNEUMATIC CRIMP TOOL LARGE FRAME			
EN3INS20	CONTACT INSERTION/EXTRUCTION	--	20 and 22	--
EN3INS26	CONTACT INSERTION/EXTRUCTION	--	26	--

REV	ECO NUMBER	DATE	BY	APVD
A	27372	10/03/14	PC	TJK

UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS IN INCHES [mm]
- TWO PLACE DECIMALS ±0.02 [0.5]
- THREE PLACE DECIMALS ±0.005 [0.13]

DO NOT SCALE DRAWING

THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.				
SIZE	WIDTH	MULT	LBS/M	TEMPER
FINISH SPEC No.			MATERIAL SPEC No.	
FIRST USED ON		SCALE 1.5:1		
DATE DRAWN	BY	CHKD	APVD	Switchcraft®
02/08/12	PNK	02/08/12	02/08/12	
NAME			PART No.	REV
EN2C SERIES CONNECTORS, RoHS			EN2C SERIES	A