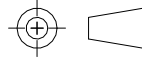


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CONDITION THAT IT IS NOT USED AS A BASIS FOR
MANUFACTURE OR SALE, AND THAT IT IS NOT COPIED,
REPRINTED OR DISCLOSED TO ANY THIRD PARTY
WITHOUT PRIOR WRITTEN CONSENT FROM MIN-E-CON

UNLESS OTHERWISE
SPECIFIED ALL DIMENSIONS
ARE IN INCHES DRAWING
STANDARDS ARE PER
ASME Y14.5M-2009

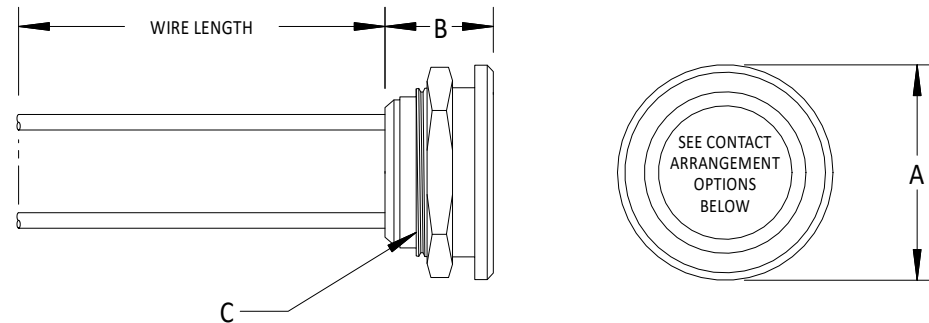
THIRD ANGLE PROJECTION



REVISIONS

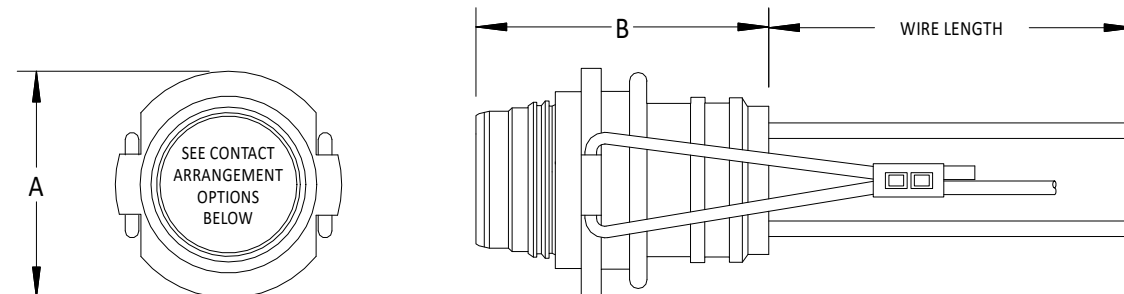
ECO	REV	DESCRIPTION	DATE	APPROVED
	A	RELEASE	7/2/20	WC

RECEPTACLE
(FRONT PANEL MOUNT SHOWN)



CONNECTOR	A MAX	B MAX	C THREAD
MCU-19P*	0.430	0.775	9/16-28 UN-2A
MCU-37P*	0.610	0.935	3/4-28 UN-2A

PLUG
(SHOWN WITH OPTIONAL LANYARD)



PLUG	A MAX	B MAX
MCU-19S	0.780	1.280
MCU-37S	0.940	1.280

ORDERING SYSTEM

MCU S - 19 S 6 E 5-18.0-N L

Connector Series

MCU = Quick Release Circular Connector

Shell Material

S = Stainless Steel
B = Electroless Nickel Plated Brass

Contact Size

19, 37

Contacts

PR = Pin Contacts - Rear Panel Mount
PF = Pin Contacts - Front Panel Mount
PC = Pin Contacts - Cable Mount Receptacle
S = Socket Contacts - Cable Mount Plug

Wire Size

4 = 24 AWG
6 = 26 AWG
8 = 28 AWG
0 = 30 AWG

- **Lanyard Release (available plug side only)**

L = Lanyard Cable Pull (omit if not required)

- **Polarization Position**

N = Normal
I = Alternate

– Wire Length (inches)

From 6.0 to 120.0 in 6.0 inch increments

- **Wire Color**

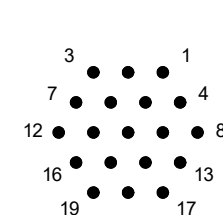
1 = All White
2 = All Yellow
5 = Color Coded per MIL-STD 681 System 1
6 = 15-color Repeating Color Code
7 = 10-color Repeating Color Codee

– Wire Type

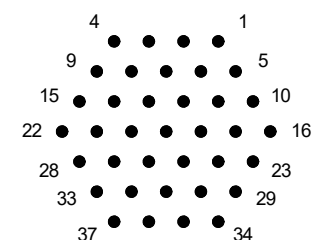
E = 7 Strand NEMA HP3 Type E
F = 7 Strand NEMA HP3 Type ET
G = 19 Strand NEMA HP3 Type E
H = 19 Strand NEMA HP3 Type ET

CONTACT ARRANGEMENTS

FACE VIEW OF PLUG CONNECTOR SHOWN
USE MIRROR IMAGE FOR RECEPTACLE CONNECTOR
(CAVITY NUMBERS SHOWN FOR REFERENCE ONLY AND DO NOT APPEAR ON THE PART)



19 CONTACTS



37 CONTACTS

INTENDED USE				17312 EASTMAN IRVINE, CA 92614	
REFERENCE					
		DWG TITLE			
SIGNATURES		MCU QUICK RELEASE CIRCULAR CONNECTOR			
DATE					
DRAWN	CHARETTE	7/2/20			
CHECKED	WC	7/2/20			
APPROVED	WC	7/2/20			
		SIZE	FSCM NO.	DWG NO.	REV
		B	54455	00-008-0003	A
		SCALE	NONE	SHEET	1 of 1