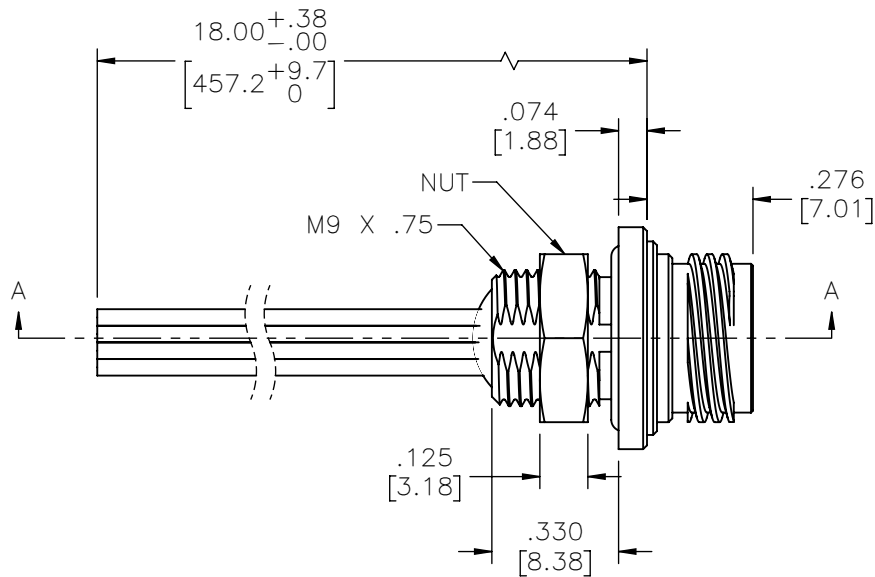
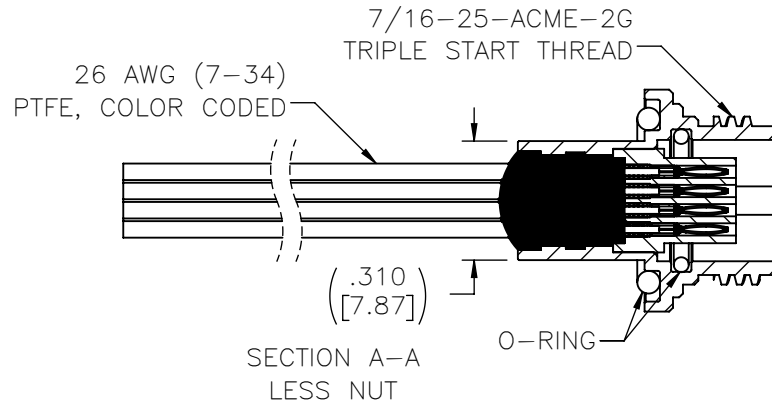
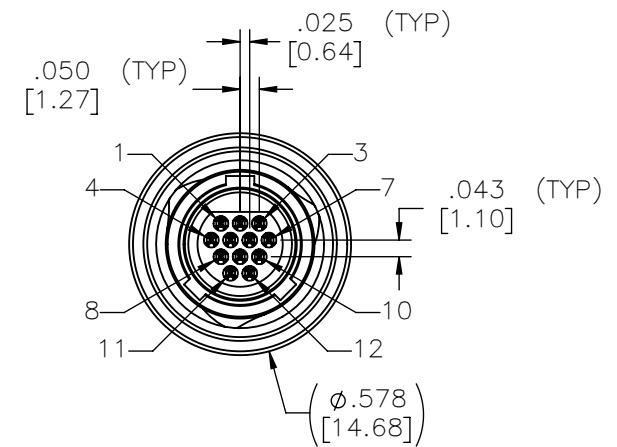
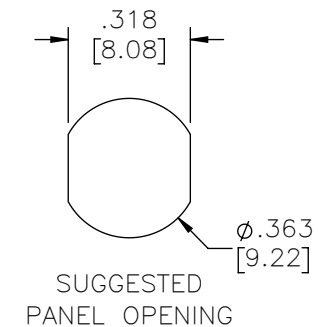


ACTUAL SIZE
EXCLUDING WIRE LENGTH



PIN	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE
11	WHT/BLACK
12	WHT/BROWN



INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-12P

IP68

NOTES:

1. DIMENSIONS IN [] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY

RMCP SLDW	THIRD ANGLE		THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. NO DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.	
	-TOLERANCES-			
	UNLESS OTHERWISE NOTED			
	DIMENSIONS IN INCHES		TITLE:	
	2 PL DEC± .01		DFTM. WLE	(12) PIN MALE MICRO
	3 PL DEC± .005			TRIPLE THREAD, KEYED
4 PL DEC± .0005		DATE	SEALED CIRCULAR CONNECTOR	
ANGLES ± 1°		09-01-15		

OMNETICS
CONNECTOR CORPORATION
8840 EVERGREEN BLVD.
MINNEAPOLIS, MN 55433
WWW.OMNETICS.COM

DWG NO.	CAGE CODE 61873
A22501-001	

SHEET 1 OF 2	SCALE: 2:1	REV B
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PART NO.	A22501-001	REV	ECO	DATE	APP
		B	110008	06-08-23	BAS

MATERIAL SPECIFICATIONS:

INSULATOR
THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL
PINS - BERYLLIUM COPPER PER ASTM B194,
ALLOY C17200

CONTACT FINISH
GOLD PLATE PER ASTM B488, TYPE II (HARD
GOLD), CODE C, CLASS 1.27 (.000050)

WIRE
26 AWG (7-34) PTFE E PER NEMA HP3, COLOR
CODED

SHELL & NUT
ALUMINUM ALLOY

SHELL & NUT FINISH
ELECTROLESS NICKEL PER SAE-AMS-2404

O-RING
BUNA-N

ELECTRICAL SPECIFICATIONS:

CURRENT RATING
3 AMPS PER MIL-DTL-83513

CONTACT RESISTANCE
26 MILLIOHM MAX (65MV DROP MAX) @ 2.5 AMPS
PER MIL-DTL-83513

PERFORMANCE
PRODUCT FAMILY TESTED TO AND PASSED THE
PERFORMANCE SPECIFICATIONS OF TABLE VII OF
MIL-DTL-83513

SEALING PERFORMANCE
IP68 WHEN MATED WITH ANOTHER IP68 RATED
CONNECTOR

RMCP SLDW	THIRD ANGLE 	THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.		 CONNECTOR CORPORATION 8840 EVERGREEN BLVD. MINNEAPOLIS, MN 55433 WWW.OMNETICS.COM	DWG NO.		CAGE CODE 61873			
	-TOLERANCES-				A22501-001					
	DIMENSIONS IN INCHES	TITLE:								
	2 PL DEC $\pm$.01	(12) PIN MALE MICRO								
	3 PL DEC $\pm$.005	DFTM. WLE								
	4 PL DEC $\pm$.0005	TRIPLE THREAD, KEYED								
	ANGLES $\pm$ 1°	DATE 09-01-15			SEALED CIRCULAR CONNECTOR					
					SHEET 2 OF 2		SCALE: 2:1		REV B	