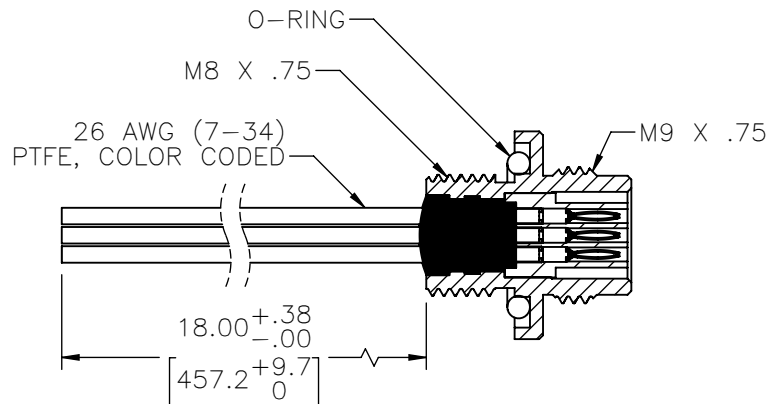
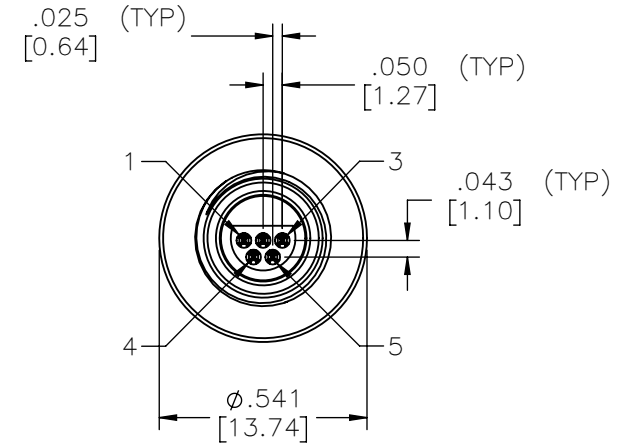
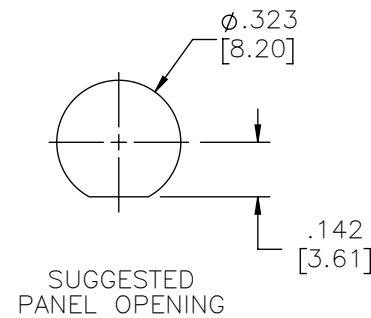
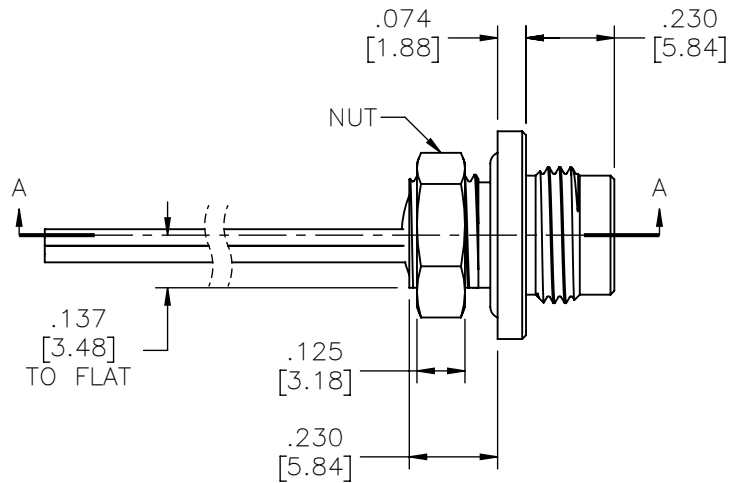


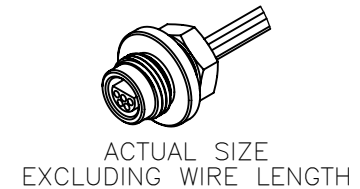
PART NO.	A22371-001	REV	ECO	DATE	APP
		B	102372	02-23-16	TLM



SECTION A-A
LESS NUT

PIN #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-5P



NOTE:

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

THIRD ANGLE	TOLERANCES
UNLESS OTHERWISE NOTED	
DIMENSIONS IN INCHES	
2 PL DEC ± .01	
3 PL DEC ± .005	
4 PL DEC ± .0005	
ANGLES ± 1°	

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DFTM. WLE	DATE 10-08-14
CHK'D.	DATE
APP'D.	DATE

TITLE:
(5) PIN MALE
CIRCULAR CONNECTOR
W/ METAL SHELL

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873	DWG NO. A22371-001
SHEET 1 OF 2	REV B
SCALE: 2:1	

PART NO.	A22371-001	REV	ECO	DATE	APP
		B	102372	02-23-16	TLM

MATERIALS & 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) TYPE E PER NEMA HP3, COLOR CODED

SHELL & NUT
BRASS ALLOY 360, 1/2 HARD

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

O-RING
BUNA-N

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

MMCP 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 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	-TOLERANCES-					DWG NO. A22371-001	
	DIMENSIONS IN INCHES	DFTM. WLE	DATE 10-08-14	TITLE:		SHEET 2 OF 2	
	2 PL DEC± .01 3 PL DEC± .005 4 PL DEC± .0005 ANGLES ± 1°	CHK'D.	DATE	(5) PIN MALE CIRCULAR CONNECTOR W/ METAL SHELL		REV B	
		APP'D.	DATE			SCALE: 2:1	