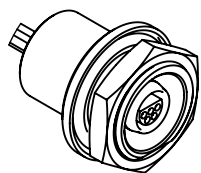
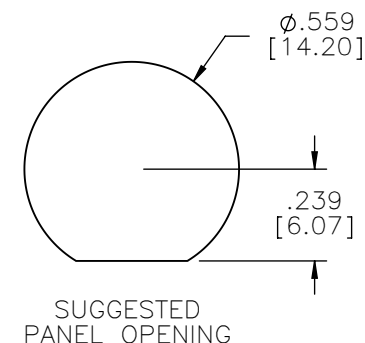
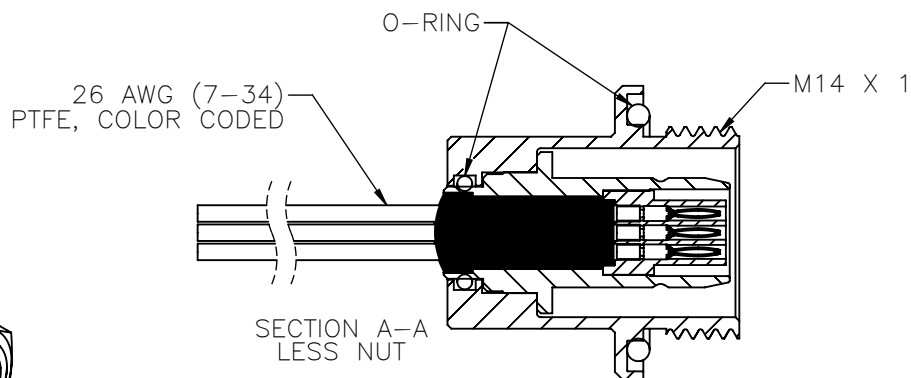
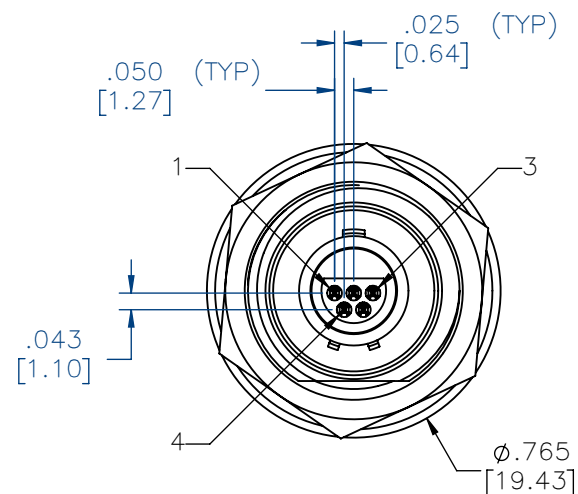
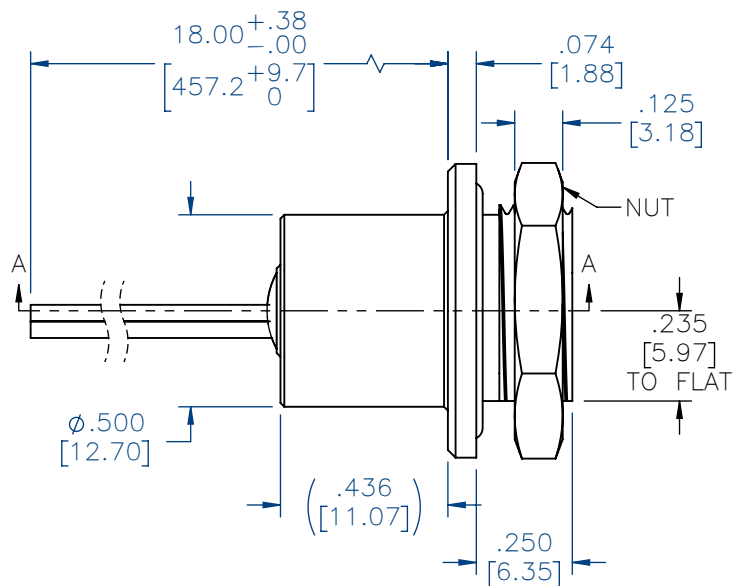


PIN #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-5P

PART NO.	A22461-001	REV	ECO	DATE	APP
		A	102904	09-24-16	TLM



ACTUAL SIZE
EXCLUDING WIRE LENGTH

NOTES:

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

KBM P SLDW	THIRD ANGLE
	TOLERANCES—
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC $\pm$.01
	3 PL DEC $\pm$.005
	4 PL DEC $\pm$.0005
	ANGLES $\pm$ 1°

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DFTM. JPF	DATE 04-23-15
CHK'D.	DATE
APP'D.	DATE
TITLE: (5) PIN MALE MICRO BREAK AWAY PANEL MOUNT SEALED CIRCULAR CONNECTOR	

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

CAGE CODE 61873	REV
DWG NO. A22461-001	A
SHEET 1 OF 2	SCALE: 2:1

IP68

PART NO.	A22461-001	REV	ECO	DATE	APP
		A	102904	09-24-16	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

SHELLS

BRASS ALLOY 360

SHELL 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

SEALING PERFORMANCE

PRODUCT FAMILY TESTED TO AND PASSED IP68 REQUIREMENTS
WHEN MATED WITH ANOTHER IP68 RATED CONNECTOR

K B M P S L D W	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-		DFTM. JPF DATE 04-23-15 CHK'D. DATE APP'D. DATE TITLE: (5) PIN MALE MICRO BREAK AWAY PANEL MOUNT SEALED CIRCULAR CONNECTOR						DWG NO. A22461-001	
	UNLESS OTHERWISE NOTED						SHEET 2 OF 2		REV A	
	DIMENSIONS IN INCHES		SCALE: 2:1							
	2 PL DEC ± .01									
	3 PL DEC ± .005									
4 PL DEC ± .0005										
ANGLES ± 1°										