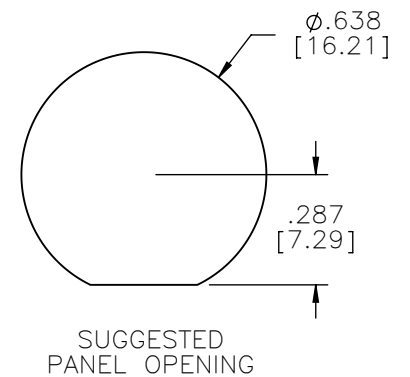
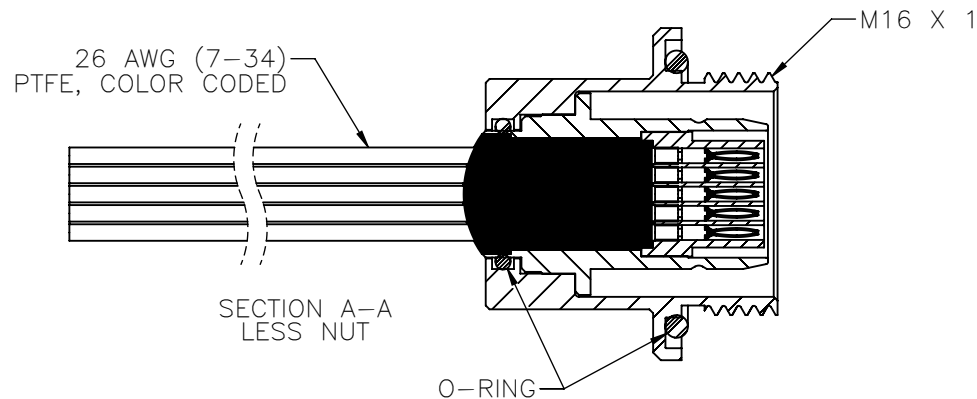
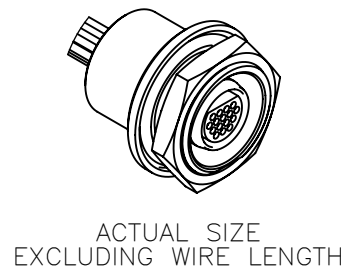
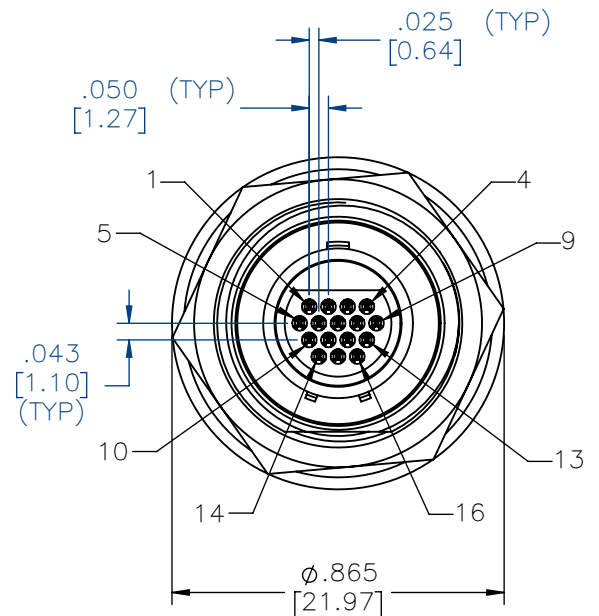
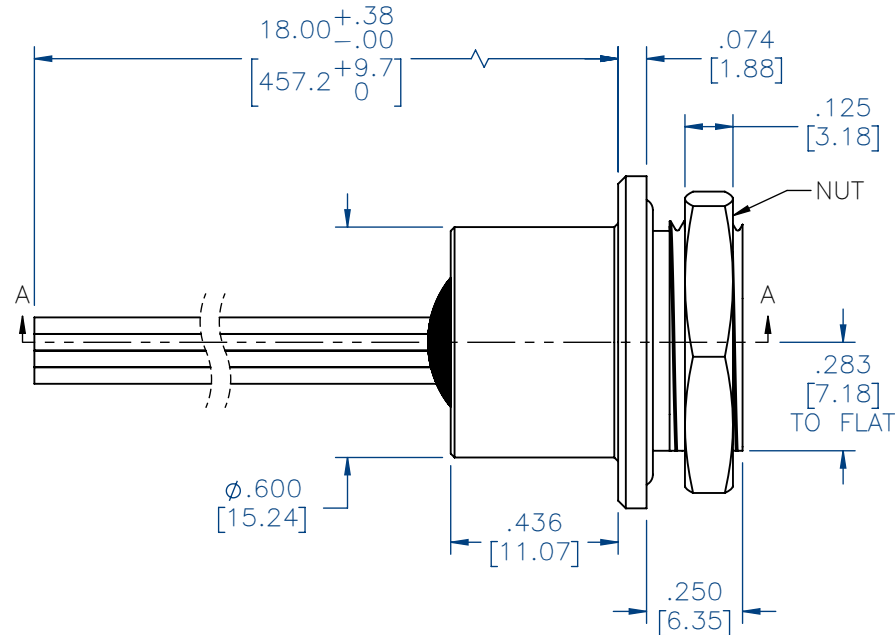


PIN #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE
11	WHT/BLK
12	WHT/BRN
13	WHT/RED
14	WHT/ORG
15	WHT/YEL
16	WHT/GRN

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-16P-1

PART NO.	A22475-001	REV	ECO	DATE	APP
		A	102944	10-07-16	TLM



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. JPF	DATE	
CHK'D.	DATE	
APP'D.	DATE	

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

CAGE CODE 61873	REV A
DWG NO. A22475-001	
SHEET 1 OF 2	
SCALE: 2:1	

IP68

PART NO.	A22475-001	REV	ECO	DATE	APP
		A	102944	10-07-16	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-	UNLESS OTHERWISE NOTED					DWG NO. A22475-001	
	DIMENSIONS IN INCHES	DFTM. JPF	DATE 04-23-15	TITLE:	SHEET 2 OF 2			
	2 PL DEC ± .01 3 PL DEC ± .005 4 PL DEC ± .0005 ANGLES ± 1°	CHK'D.	DATE	(16) PIN MALE MICRO BREAK AWAY PANEL MOUNT SEALED CIRCULAR CONNECTOR	REV A			
		APP'D.	DATE		SCALE: 2:1			