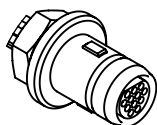
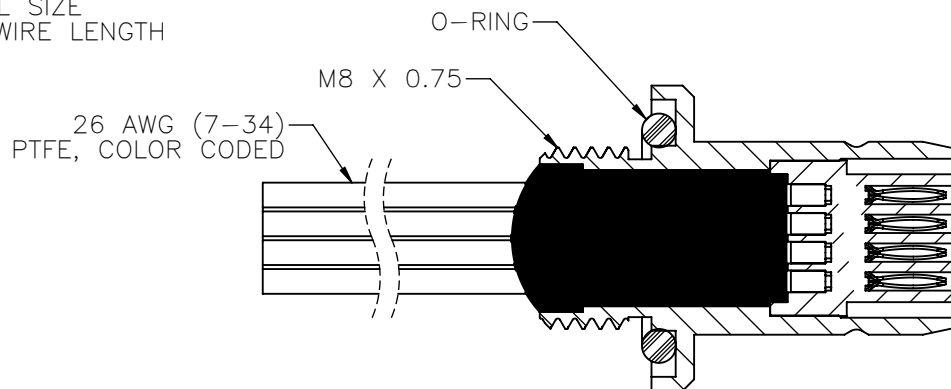
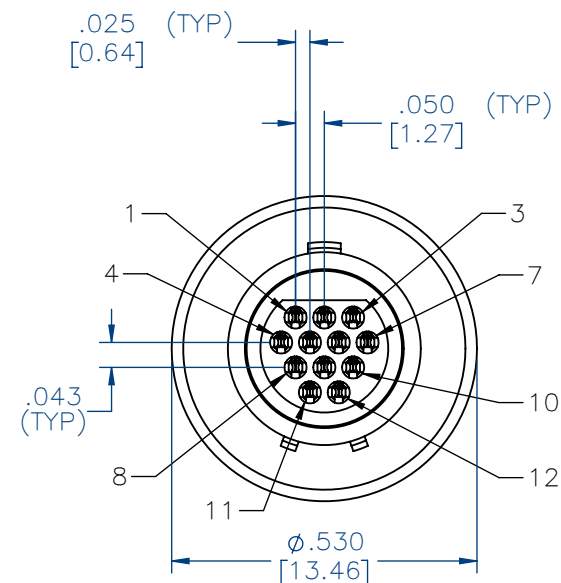
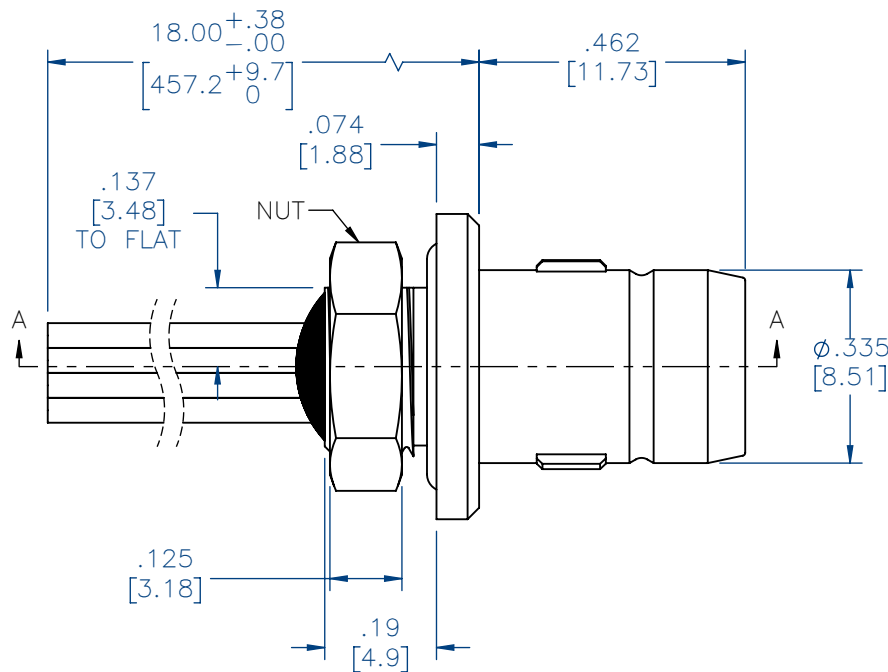


SOCKET #	COLOR
1, 11	BLACK
2, 12	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE

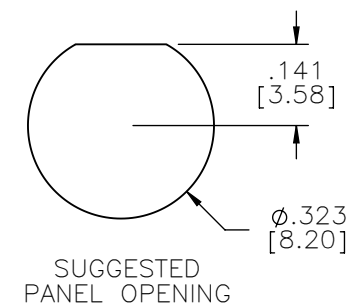
INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-12P-2



ACTUAL SIZE
EXCLUDING WIRE LENGTH



SECTION A-A
LESS NUT



IP68

NOTE:

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

K B M P S L D W	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	04-23-15	
CHK'D.	DATE		
APP'D.	DATE		

TITLE:

(12) PIN MALE
BREAK AWAY
CONNECTOR

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

CAGE CODE 61873	
DWG NO. A22466-001	
SHEET 1 OF 2	REV A
SCALE: 3:1	

PART NO.	A22466-001	REV	ECO	DATE	APP
		A	102939	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

KBMP 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.				 OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	-TOLERANCES-						DWG NO. A22466-001	
	UNLESS OTHERWISE NOTED						SHEET 2 OF 2	
	DIMENSIONS IN INCHES						SCALE: 3:1	
							REV A	
	2 PL DEC $\pm$.01	DFTM. JPF	DATE 04-23-15	TITLE: (12) PIN MALE BREAK AWAY CONNECTOR				
	3 PL DEC $\pm$.005	CHK'D.	DATE					
	4 PL DEC $\pm$.0005	APP'D.	DATE					
	ANGLES $\pm$ 1°							