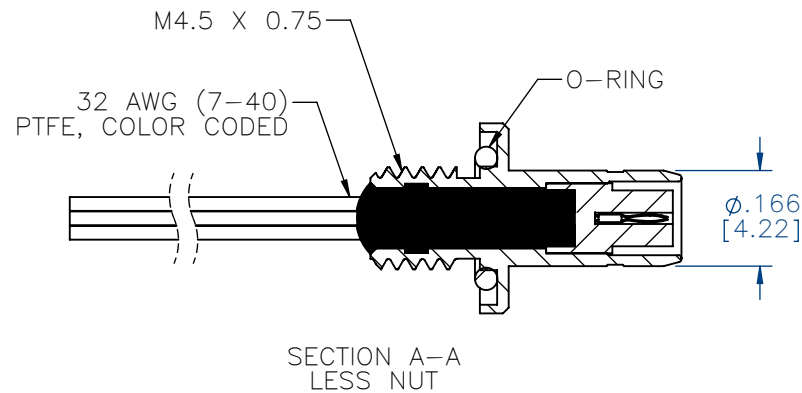
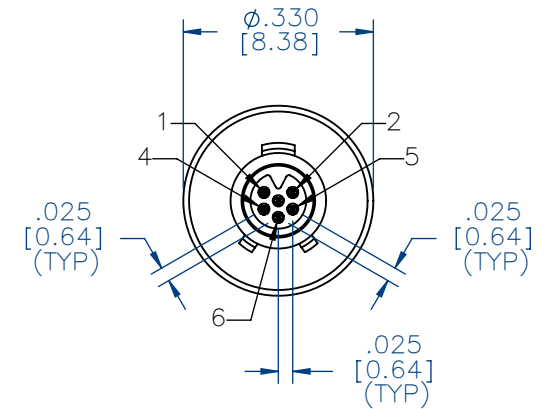
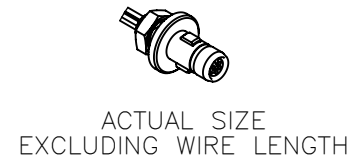
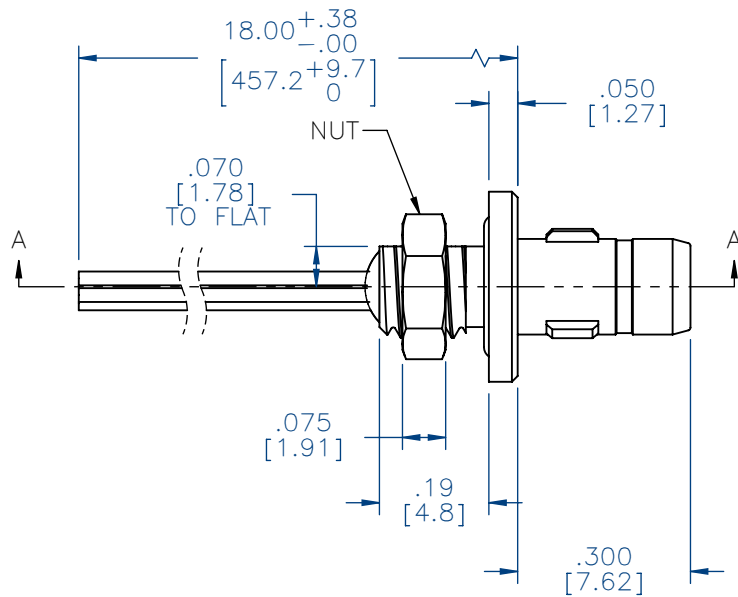
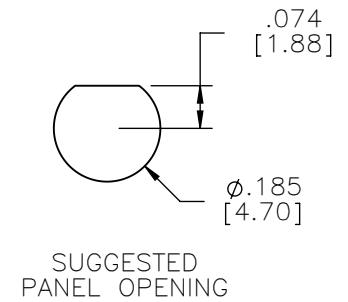


PART NO.	A79428-001	REV	ECO	DATE	APP
		A	102812	08-15-16	TLM



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

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE NC-6P



NOTES:

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

KBNP 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.	
	-TOLERANCES-	DFTM. JPF	DATE 11-09-15
	UNLESS OTHERWISE NOTED	CHK'D.	DATE
	DIMENSIONS IN INCHES	APP'D.	DATE
	2 PL DEC ± .01	TITLE: (6) PIN MALE NANO KEYED BREAK AWAY PANEL MOUNT SEALED CIRCULAR CONNECTOR	
	3 PL DEC ± .005		
	4 PL DEC ± .0005		
	ANGLES ± 1°		

IP68

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

CAGE CODE 61873	REV
DWG NO. A79428-001	A
SHEET 1 OF 2	SCALE: 3:1

PART NO.	A79428-001	REV	ECO	DATE	APP
		A	102812	08-15-16	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

32 AWG, 7 STRAND, TYPE ET PER NEMA HP3

SHELLS

BRASS ALLOY 360

SHELL FINISH

ELECTROLESS NICKEL PER SAE-AMS-2404

O-RING

BUNA-N

CURRENT RATING

1 AMP PER MIL-DTL-32139

CONTACT RESISTANCE

71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER
MIL-DTL-32139

PERFORMANCE

PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF MIL-DTL-32139

SEALING PERFORMANCE

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

KBNP 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— UNLESS OTHERWISE NOTED						DWG NO. A79428-001	
	DIMENSIONS IN INCHES 2 PL DEC $\pm$.01 3 PL DEC $\pm$.005 4 PL DEC $\pm$.0005 ANGLES $\pm$ 1°	DFTM. JPF CHK'D. APP'D.	DATE 11-09-15 DATE DATE	TITLE: (6) PIN MALE NANO KEYED BREAK AWAY PANEL MOUNT SEALED CIRCULAR CONNECTOR			SHEET 2 OF 2 SCALE: 3:1	REV A