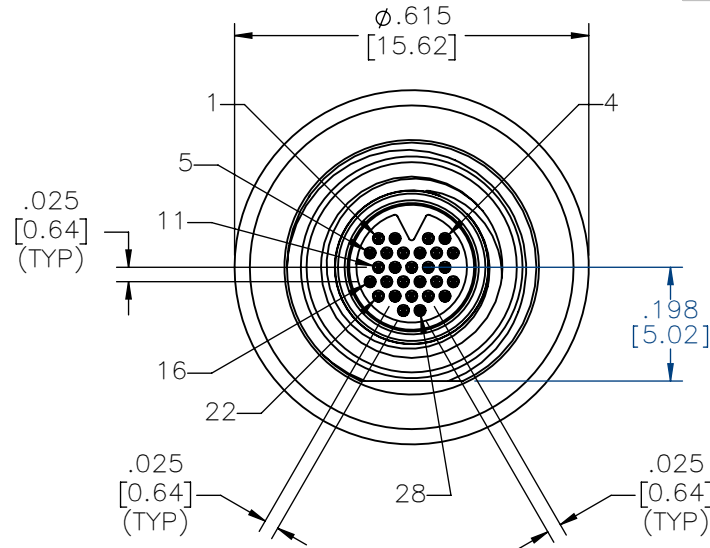
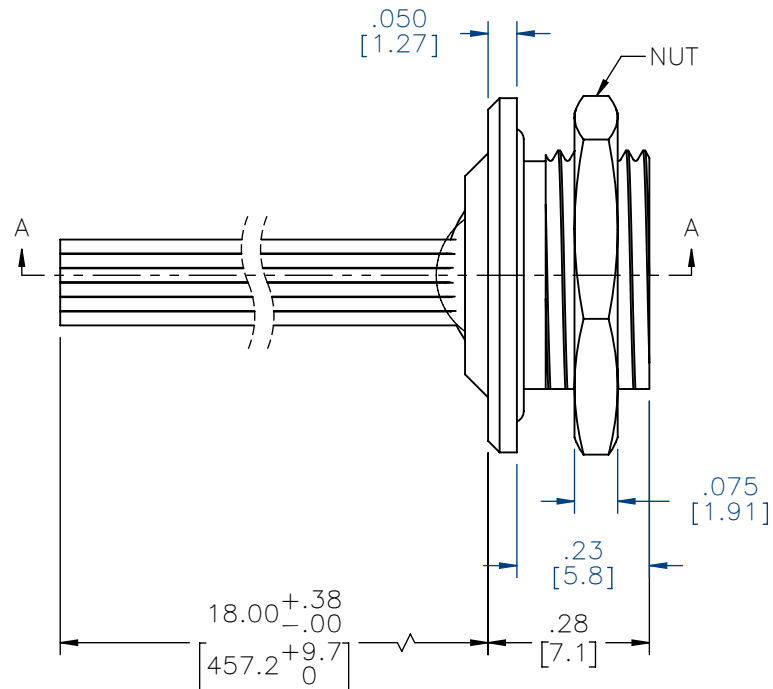


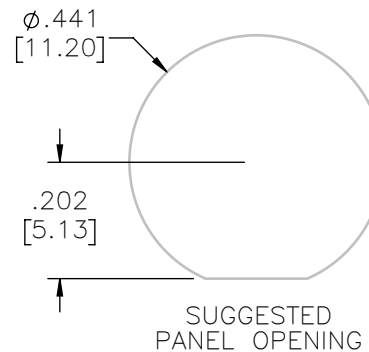
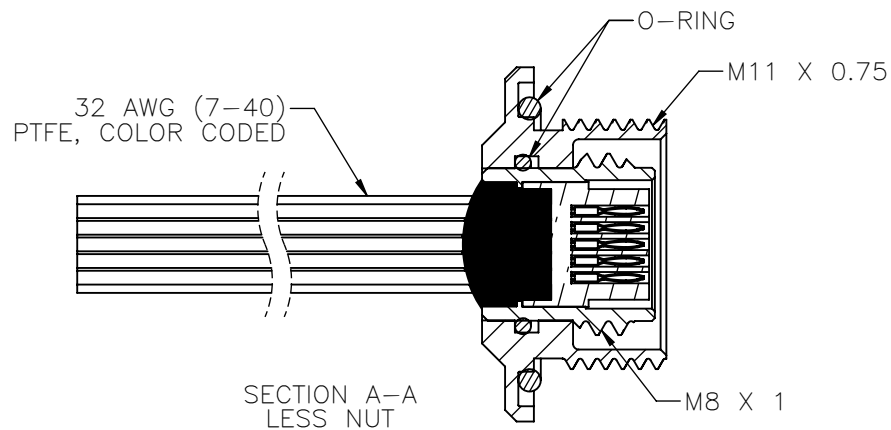
PART NO.	A79287-001	REV	ECO	DATE	APP
		C	101657	05-28-15	TLM



VIEW LESS NUT



ACTUAL SIZE
EXCLUDING WIRE LENGTH



SUGGESTED
PANEL OPENING

PIN #	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16, 26	GREEN
7, 17, 27	BLUE
8, 18, 28	VIOLET
9, 19	GRAY
10, 20	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE NC-28P

IP68

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. NJS
CHK'D.
APP'D.

DATE
01-06-12
DATE
DATE

TITLE:
(28) PIN MALE NANO
THREADED PANEL MOUNT
SEALED CIRCULAR CONNECTOR

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

CAGE CODE **61873**
DWG NO. **A79287-001**
SHEET 1 OF 2
SCALE: 3:1
REV
C

PART NO.	A79287-001	REV	ECO	DATE	APP
		C	101657	05-28-15	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.

MNC P 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. A79287-001	
	UNLESS OTHERWISE NOTED						SHEET 2 OF 2	
	DIMENSIONS IN INCHES						SCALE: 3:1	
	2 PL DEC $\pm$.01	DFTM. NJS	DATE 01-06-12	TITLE:	(28) PIN MALE NANO THREADED PANEL MOUNT SEALED CIRCULAR CONNECTOR	REV C		
	3 PL DEC $\pm$.005	CHK'D.	DATE					
	4 PL DEC $\pm$.0005	APP'D.	DATE					
	ANGLES $\pm$ 1°							