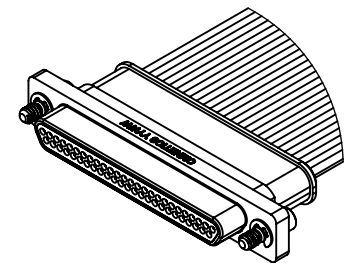
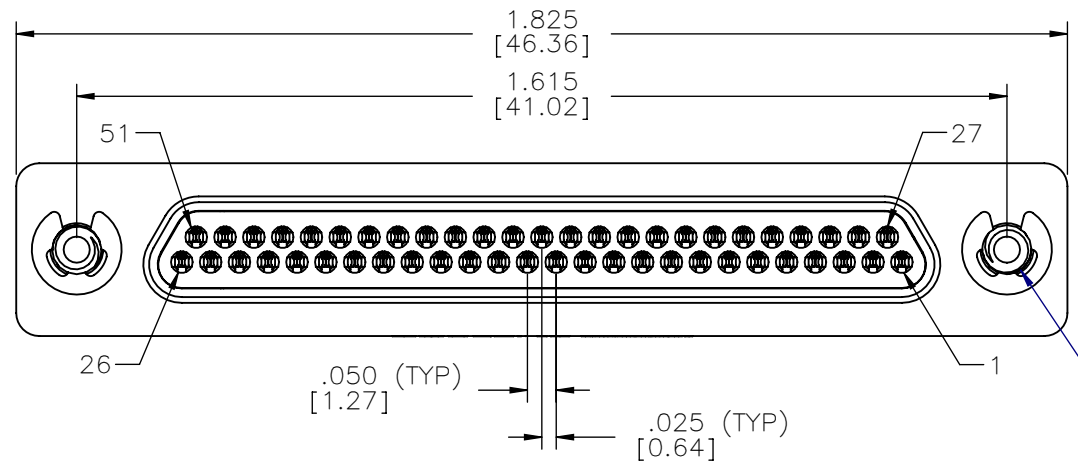
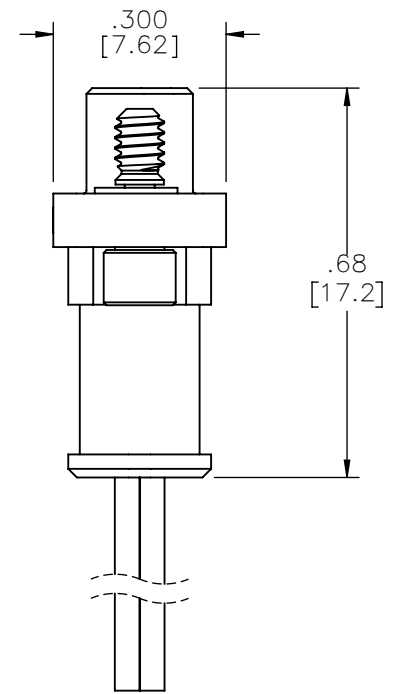
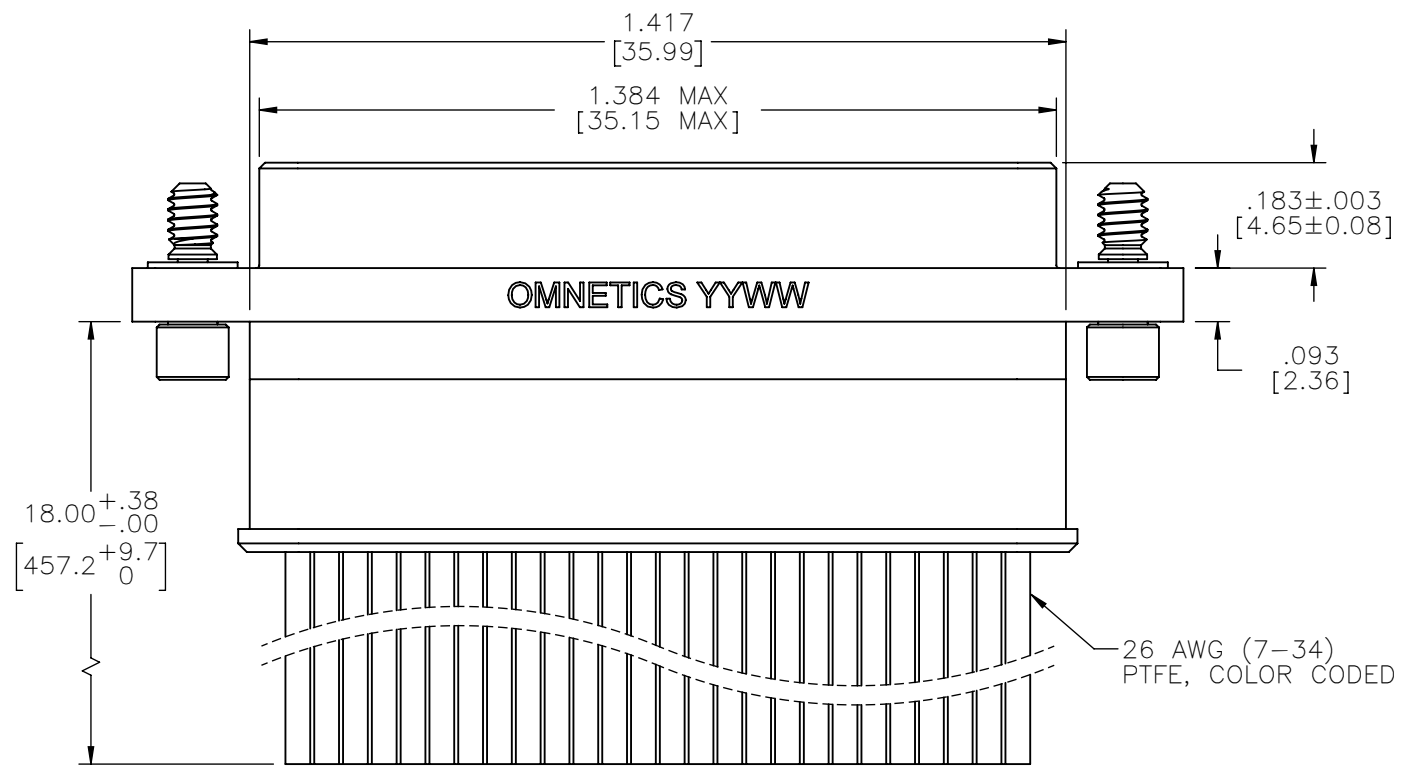


PART NO.	A98181-512	REV	ECO	DATE	APP
		A	102791	08-09-16	HV



ACTUAL SIZE
EXCLUDING WIRE LENGTH



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. HV	DATE 05-27-16
CHK'D.	DATE
APP'D.	DATE

TITLE:
(51) PIN MALE
MICRO-D CONNECTOR
W/ JACKSCREWS

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

CAGE CODE 61873	DWG NO. A98181-512
SHEET 1 OF 2	REV A
SCALE: 3:1	

RoHS

PART NO.	A98181-512	REV	ECO	DATE	APP
		A	102791	08-09-16	HV

MATERIALS

HOUSING:
 ALUMINUM 6061-T6, NICKEL PLATE PER SAE-AMS-2404

INSULATOR:
 LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

CONTACT:
 BERYLLIUM COPPER PER ASTM B194, C17200, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C, CLASS 1.27

WIRE:
 NEMA HP3 TYPE E, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS

HARDWARE:
 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700

PIN #	COLOR
1, 11, 21, 31, 41, 51	BLACK
2, 12, 22, 32, 42	BROWN
3, 13, 23, 33, 43	RED
4, 14, 24, 34, 44	ORANGE
5, 15, 25, 35, 45	YELLOW
6, 16, 26, 36, 46	GREEN
7, 17, 27, 37, 47	BLUE
8, 18, 28, 38, 48	VIOLET
9, 19, 29, 39, 49	GRAY
10, 20, 30, 40, 50	WHITE

INTERNAL USE ONLY
 USE MFG LOADING
 PROCEDURE MMDP-512

MMDP 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. A98181-512	
	UNLESS OTHERWISE NOTED		DFTM. HV DATE 05-27-16	TITLE: (51) PIN MALE MICRO-D CONNECTOR W/ JACKSCREWS	SHEET 2 OF 2	REV A			
	DIMENSIONS IN INCHES								
	2 PL DEC±.01	CHK'D.						DATE	
	3 PL DEC±.005	APP'D.						DATE	
4 PL DEC±.0005									
ANGLES ± 1°				SCALE: 3:1					