

MATERIALS

HOUSING:

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

INSULATOR:

LIQUID CRYSTAL POLYMER
(LCP) PER ASTM D5138

CONTACT:

COPPER ALLOY PER MIL-DTL-
83513, 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

INTERFACIAL SEAL:

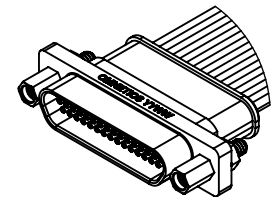
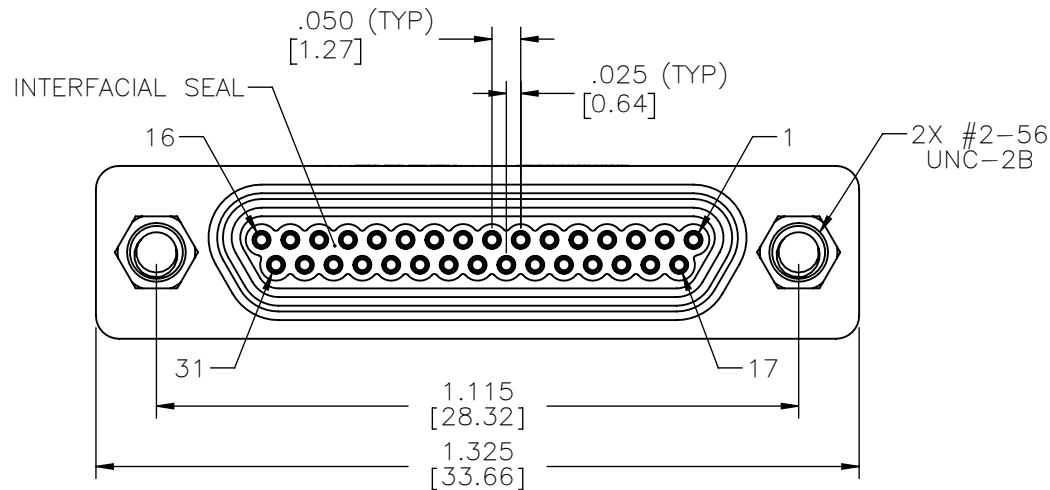
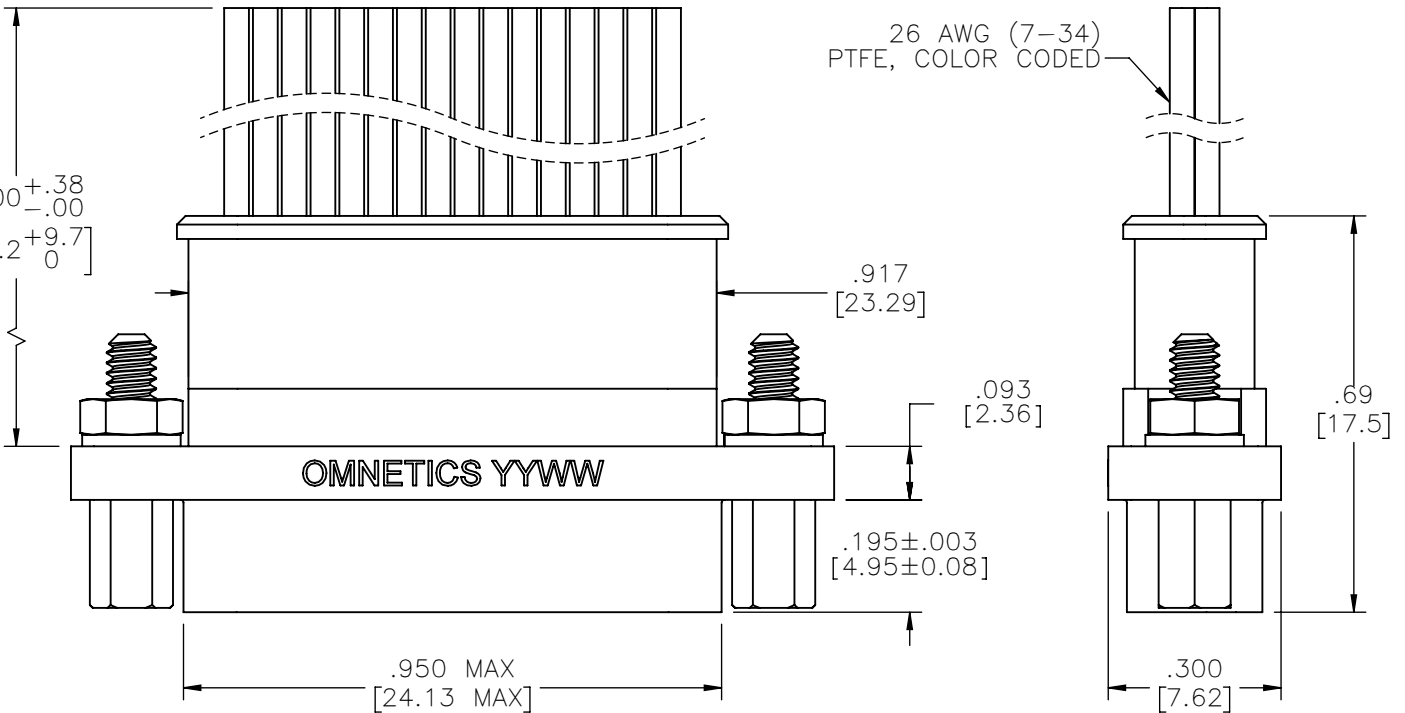
SILICONE RUBBER PER A-A-
59588

HARDWARE:

STAINLESS STEEL, PASSIVATED
PER SAE-AMS-2700

SOCKET #	COLOR
1, 11, 21, 31	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, 29	GRAY
10, 20, 30	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MMDS-031



ACTUAL SIZE
EXCLUDING WIRE LENGTH

RoHS

NOTE:

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

MMDS	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	TITLE:
CHK'D.	05-31-16	
APP'D.		
	DATE	

(31) SOCKET FEMALE
MICRO-D CONNECTOR
W/ JACKPOSTS

OMNETICS
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WWW.OMNETICS.COM

CAGE CODE 61873	
DWG NO. A99279-031	
SHEET 1 OF 1	REV A
SCALE: 3:1	