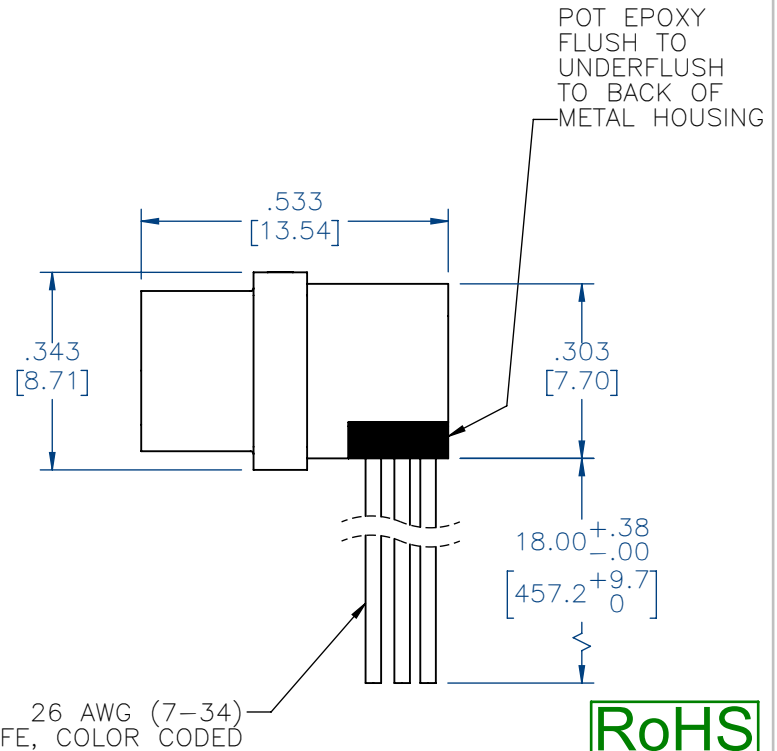
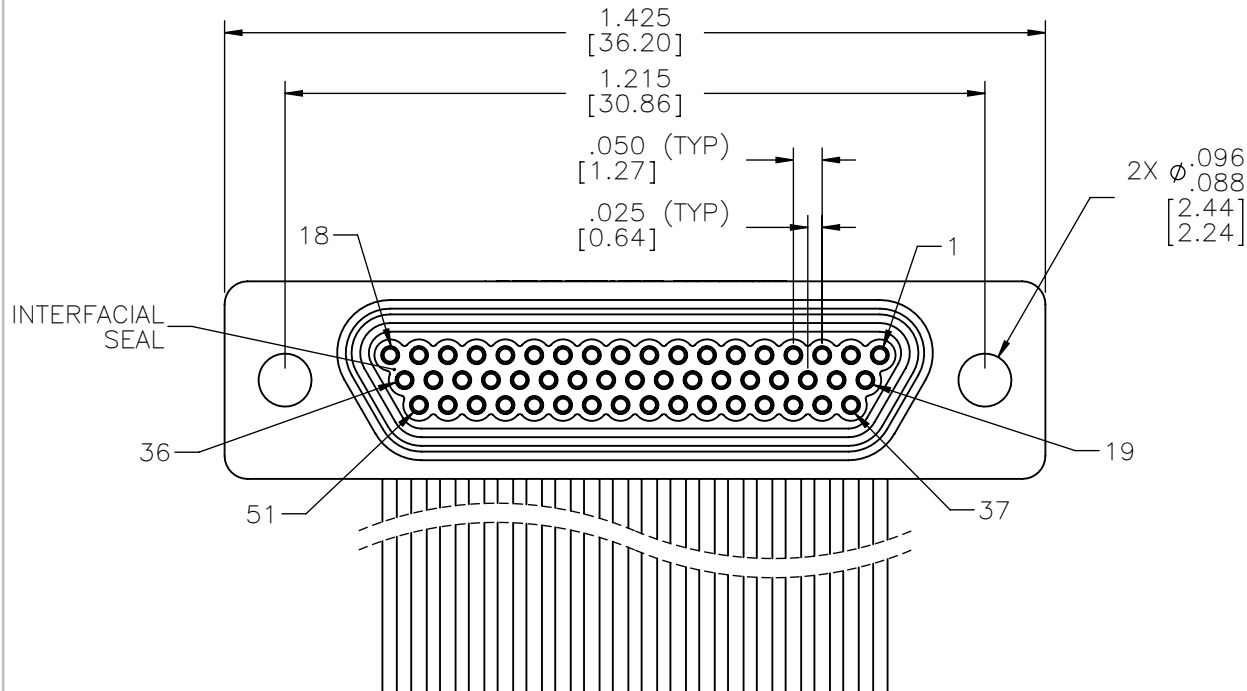
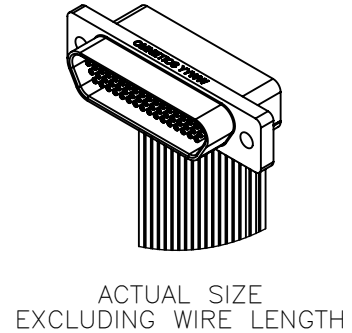
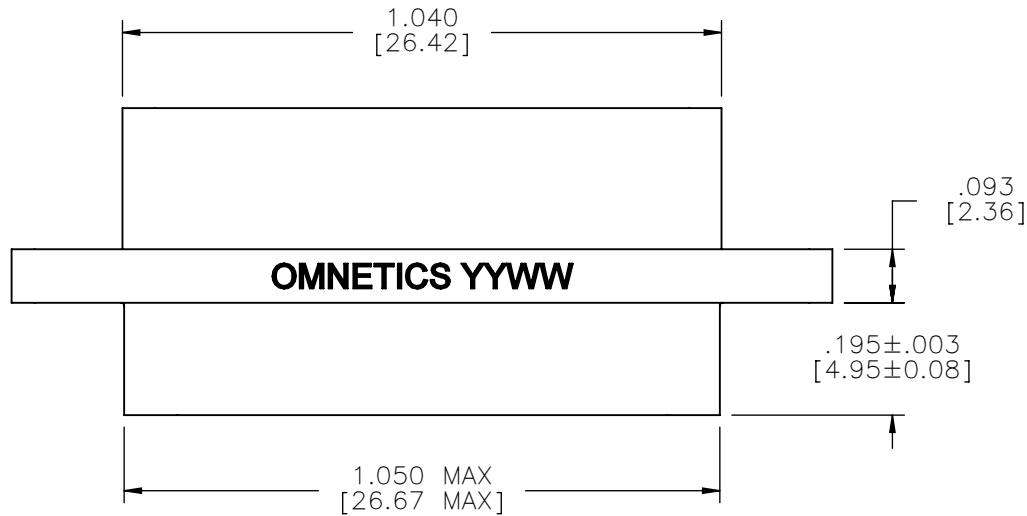




RoHS

NOTE:

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

MMSD	THIRD ANGLE	
	-TOLERANCES-	
SLDW	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
2	PL DEC±	.01
3	PL DEC±	.005
4	PL DEC±	.0005
	ANGLES ±	1°

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TITLE:	
(51) SOCKET FEMALE	
MICRO-D CONNECTOR	
DFTM. ERB	
DATE	
01-11-17	

OMNETICS
CONNECTOR CORPORATION
8840 EVERGREEN BLVD.
MINNEAPOLIS, MN 55433
WWW.OMNETICS.COM

DWG NO.	CAGE CODE	61873
A99308-513		
SHEET	SCALE: 3:1	REV B
1 OF 2		

SPECIAL INSTRUCTIONS: NO	PART NO.	A99308-513	REV	ECO	DATE	APP
			B	111312	01-14-25	DWP

MATERIALS

HOUSING:

ALUMINUM 6061, NICKEL PLATE
(500 MICROINCHES MINIMUM) 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:

AVAILABLE UPON REQUEST

SOCKET #	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 MMDS-513

MMDS SLDW	THIRD ANGLE 
	-TOLERANCES-
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC $\pm$.01
	3 PL DEC $\pm$.005
	4 PL DEC $\pm$.0005
	ANGLES $\pm$ 1°

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SHEET	SCALE: 3:1	REV B
2 OF 2		