

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:

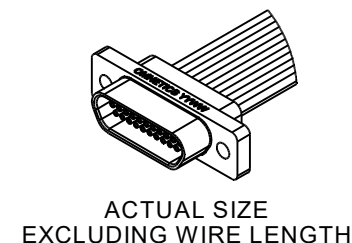
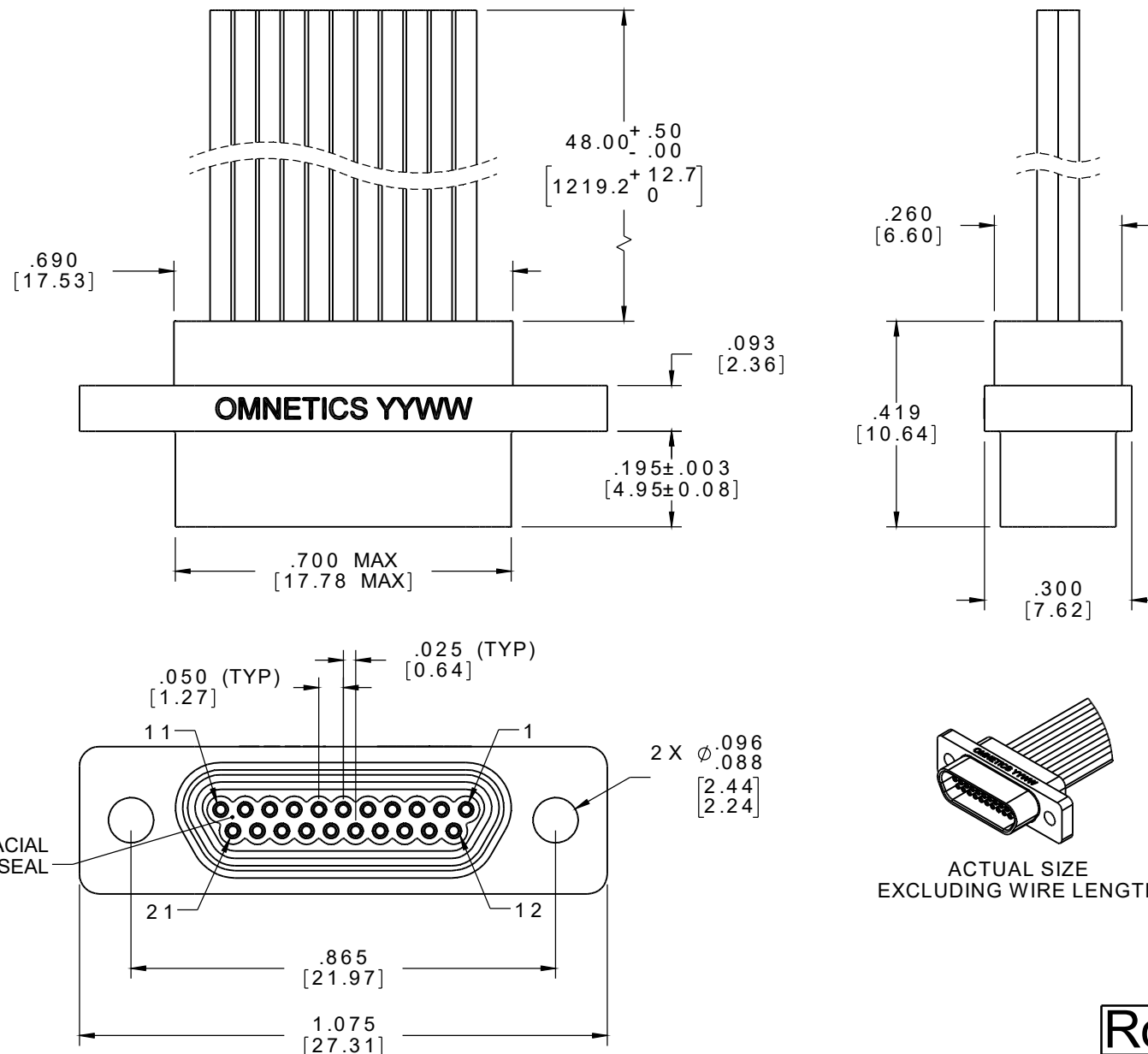
NEMA HP3 TYPE E, COLOR
CODED IAW MIL-STD-681,
SYSTEM 1, WITH TEN SOLID
REPEATING COLORS

INTERFACIAL SEAL:

SILICONE RUBBER PER A-A-
59588

SOCKET #	COLOR
1, 11, 21	BLACK
2, 12	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MMDS-021



RoHS

NOTES:

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

MMDS SLDW	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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TITLE:	(21) SOCKET FEMALE MICRO-D CONNECTOR
DFTM. DWP	
DATE	02-15-23

OMNETICS
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MINNEAPOLIS, MN 55433
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DWG NO.	CAGE CODE 61873
A99214-021	
SHEET 1 OF 1	SCALE: 3:1
REV 1	