

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:

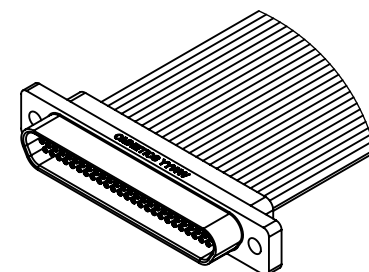
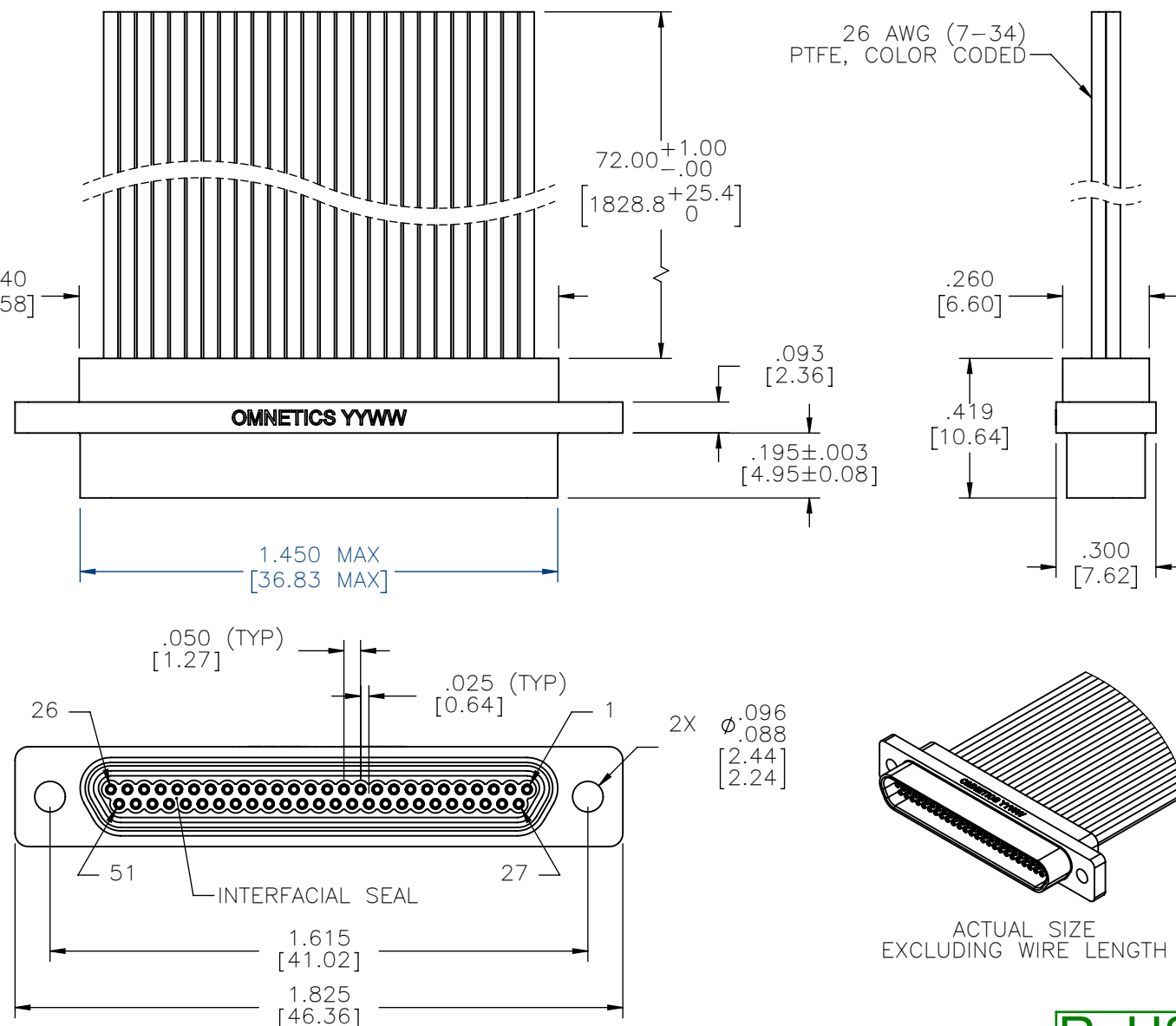
SILICONE RUBBER PER A-A-
59588

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-512



ACTUAL SIZE
EXCLUDING WIRE LENGTH

RoHS

NOTE:

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

MMS	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. STN	DATE
CHK'D.	DATE
APP'D.	DATE

TITLE:
(51) SOCKET FEMALE
MICRO-D CONNECTOR

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

CAGE CODE	61873
DWG NO.	A99341-512
SHEET 1 OF 1	REV A
SCALE: 2:1	