

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

SPECIAL INSTRUCTIONS: NO

PART NO.

A99015-512

REV

ECO

DATE

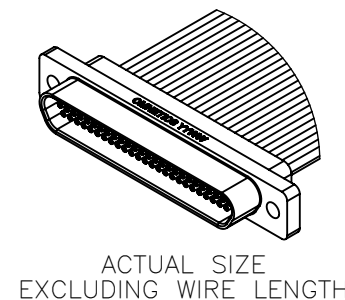
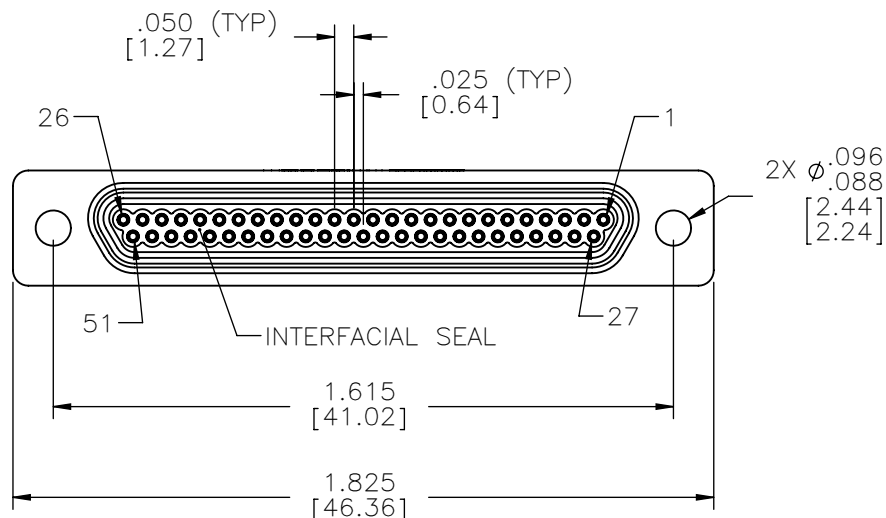
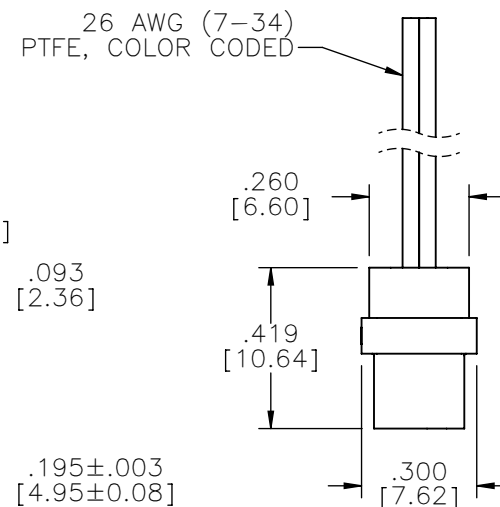
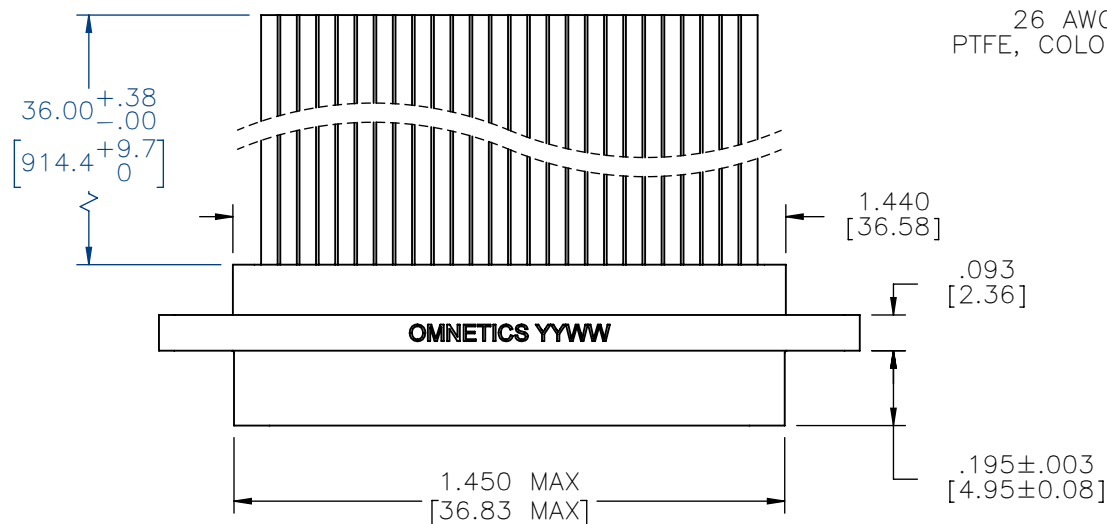
APP

A

111111

10-21-24

TLM



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

NOTES:

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

MMDS	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:	
DFTM. DWP	(51) SOCKET FEMALE MICRO-D CONNECTOR
DATE	05-24-23

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

DWG NO.	CAGE CODE	61873
A99015-512		
SHEET	SCALE:	REV
1 OF 1	2:1	A

RoHS