## 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:

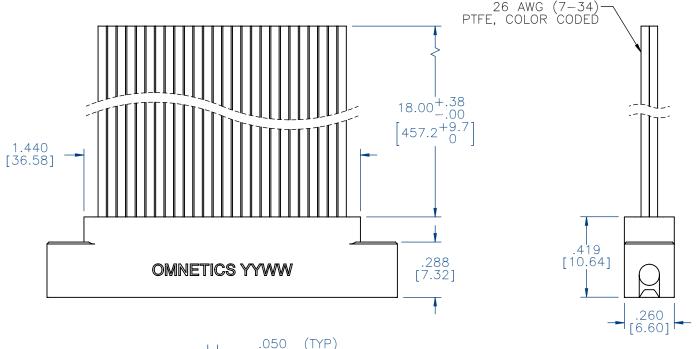
NEMA HP3 TYPE E, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS

INTERFACIAL SEAL:

SILICONE RUBBER PER A-A-59588

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



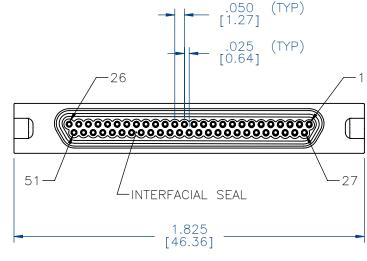
PART NO.

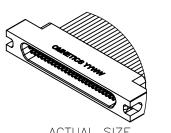
A99150-512

REV

ECO

99774





ACTUAL SIZE EXCLUDING WIRE LENGTH

APP

JMJ

DATE

08 - 12 - 13

## NOTE:

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

LMD	THIRD ANGLE⊕   —TOLERANCES—  UNLESS OTHERWISE NOTED	THIS DRAW OMNETICS DISCLOSED
Š	DIMENSIONS IN INCHES	DFTM
S	2 PL DEC±.01 3 PL DEC±.005 4 PL DEC+.0005	CHK'[
LDW	ANGLES ± 1°	APP'[

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. TLM 111-09-11 CHK'D. APP'D.

(51) SOCKET FEMALE MICRO-D CONNECTOR W/LATCHES

## CONNECTOR CORPORATION A99150-512

7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNÉTICS.COM

	CAGE CODE $61873$
	DWG NO.
тΙ	1001F0 F10

SHEET 1 OF 1 REV В SCALE: 2:1