

MATERIALS

HOUSING:

ALUMINUM 6061, NICKEL PLATE
(500 MICROINCHES MINIMUM)
PER SAE-AMS-2404

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

CONTACT:

BERYLLIUM COPPER PER ASTM
B194, C17200, GOLD PLATED
PER ASTM B488, (HARD GOLD)
TYPE II CODE C, CLASS 1.27

WIRE:

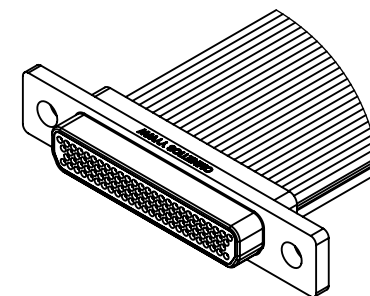
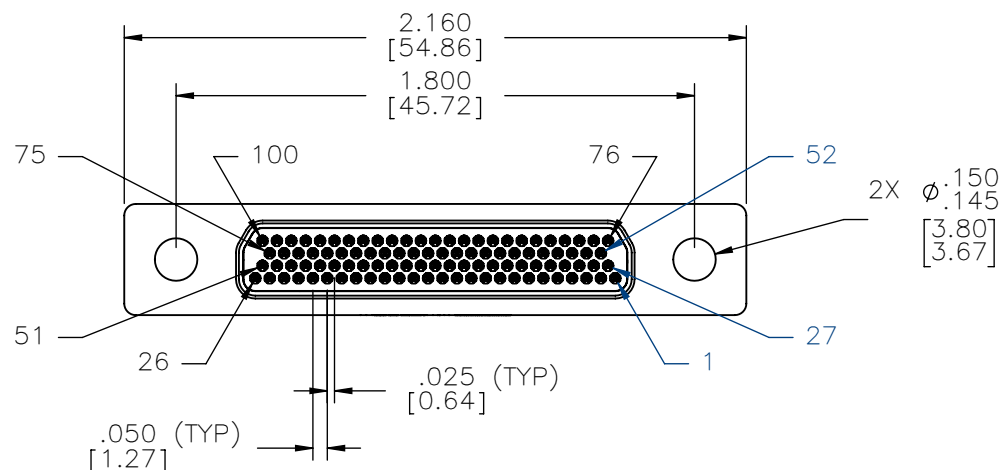
NEMA HP3 TYPE E, COLOR
CODED IAW MIL-STD-681,
SYSTEM 1, USING TEN SOLID
REPEATING COLORS

HARDWARE:

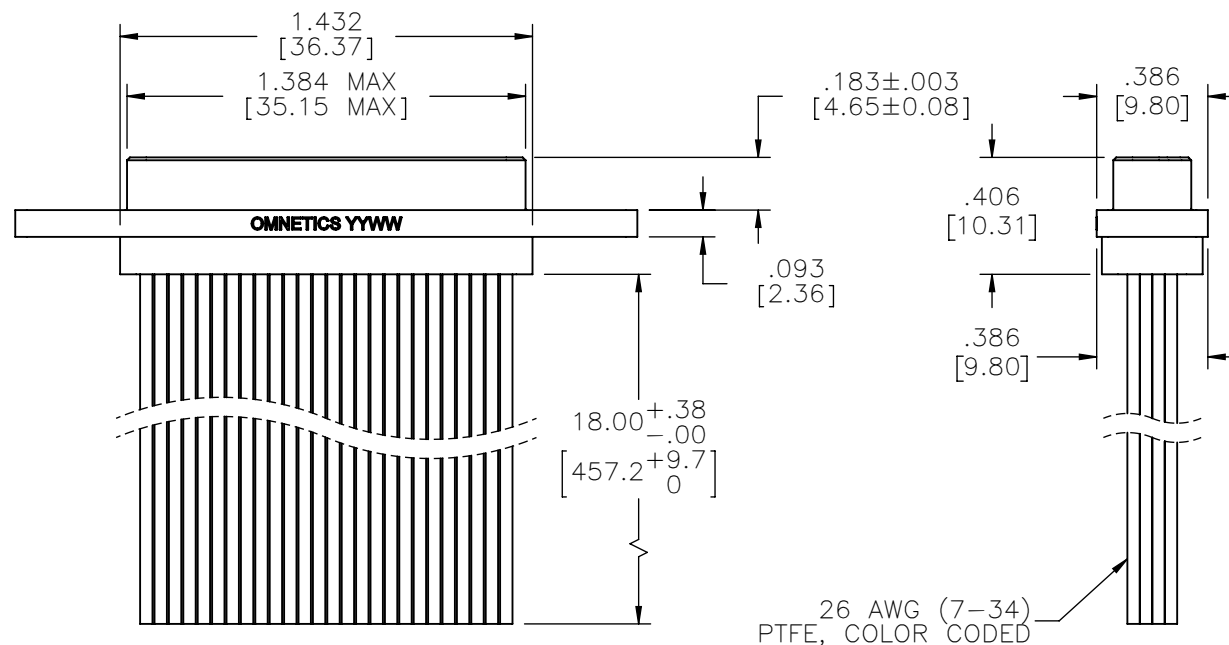
AVAILABLE UPON REQUEST

PIN #	COLOR
1, 11, 21, 31, 41, 51, 61, 71, 81, 91	BLACK
2, 12, 22, 32, 42, 52, 62, 72, 82, 92	BROWN
3, 13, 23, 33, 43, 53, 63, 73, 83, 93	RED
4, 14, 24, 34, 44, 54, 64, 74, 84, 94	ORANGE
5, 15, 25, 35, 45, 55, 65, 75, 85, 95	YELLOW
6, 16, 26, 36, 46, 56, 66, 76, 86, 96	GREEN
7, 17, 27, 37, 47, 57, 67, 77, 87, 97	BLUE
8, 18, 28, 38, 48, 58, 68, 78, 88, 98	VIOLET
9, 19, 29, 39, 49, 59, 69, 79, 89, 99	GRAY
10, 20, 30, 40, 50, 60, 70, 80, 90, 100	WHITE

INTERNAL USE ONLY
SHEET 2 OF 2 IS
MANUFACTURING
LOADING DIAGRAM



ACTUAL SIZE
EXCLUDING WIRE LENGTH



RoHS

NOTE:

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

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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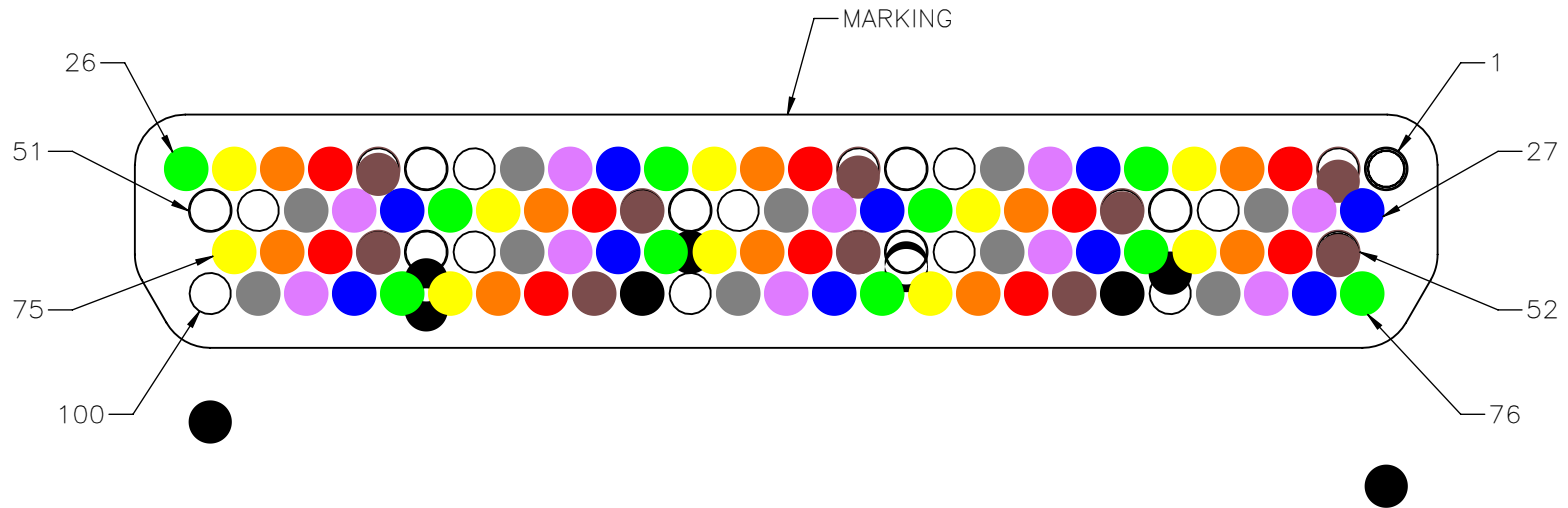
DFTM. NJS
CHK'D.
APP'D.

DATE
11-20-09
DATE
DATE

TITLE:
(100) PIN MALE
MICRO-D CONNECTOR

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

CAGE CODE **61873**
DWG NO. **A98100-100**
SHEET 1 OF 2
SCALE: 3:2
REV C



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