

MATERIAL & SPECIFICATIONS

HOUSING:
ALUMNIUM 6061-T6, NICKEL
PLATE PER SAE-AMS-2404.

INSULATOR:
THERMOPLASTIC PER MIL-DTL-
32139.

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 ET, COLOR
CODED IAW MIL-STD-681,
SYSTEM 1, USING TEN SOLID
REPEATING COLORS.

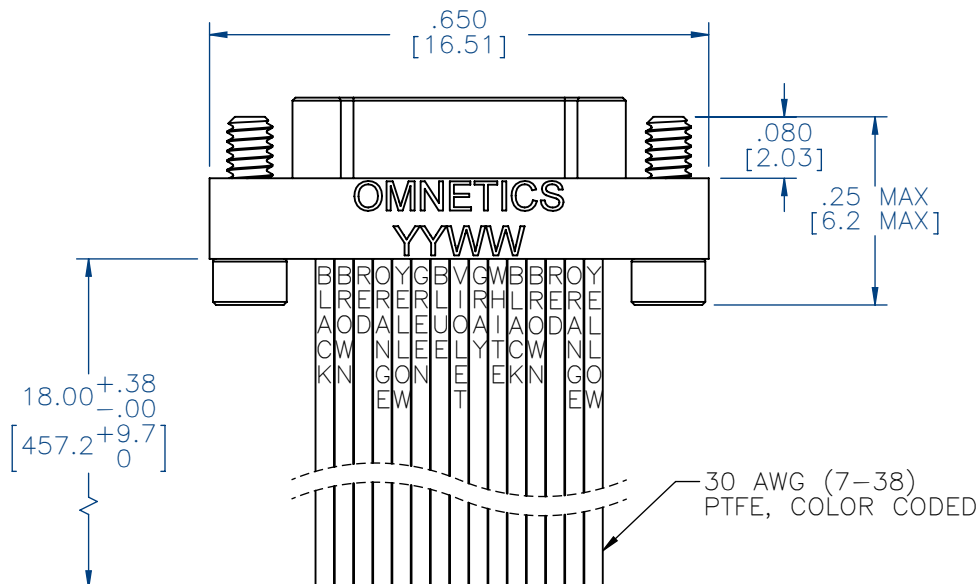
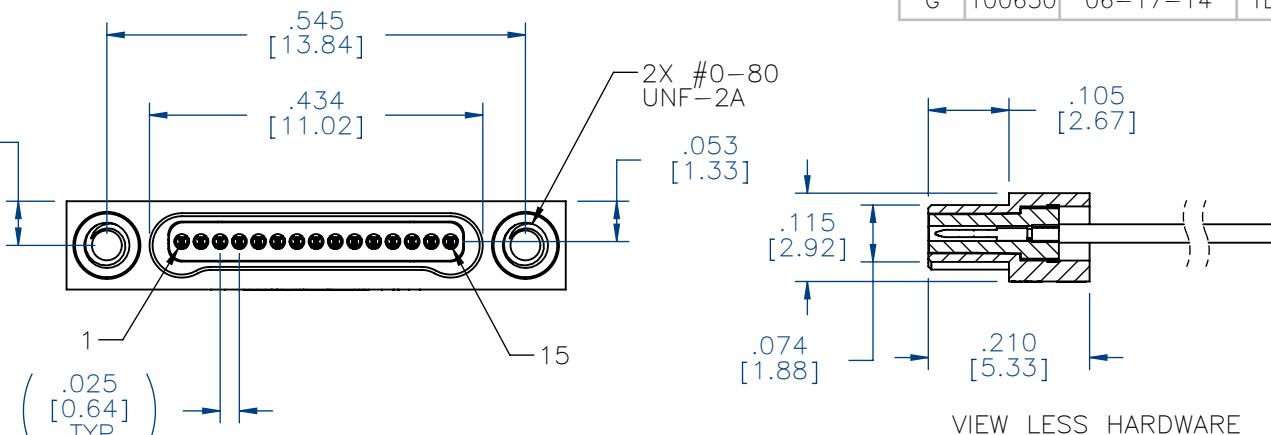
HARDWARE:
303 STAINLESS STEEL PER ASTM
582.

CURRENT RATING:
1 AMP MAX PER MIL-DTL-
32139.

PERFORMANCE:
PRODUCT FAMILY TESTED TO
AND PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII
OF MIL-DTL-32139.



ACTUAL SIZE
EXCLUDING WIRE
LENGTH



PIN #	COLOR
1, 11	BLACK
2, 12	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE

NOTE:

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

MBPS SLDW	THIRD ANGLE
	TOLERANCES— UNLESS OTHERWISE NOTED
2	PL DEC± .01
3	PL DEC± .005
4	PL DEC± .0005
	ANGLES ± 1°

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORPORATION. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.	
DFTM. MJM	DATE 03-31-11
CHK'D.	DATE
APP'D.	DATE

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

CAGE CODE 61873	DWG NO. A54000-015
SHEET 1 OF 1	REV G
SCALE: 4:1	