

PART NO.	A55000-015	REV	ECO	DATE	APP
		F	100683	06-28-14	TLM

MATERIALS & SPECIFICATIONS

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

INSULATOR:
THERMOPLASTIC PER MIL-DTL-
32139

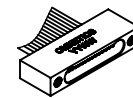
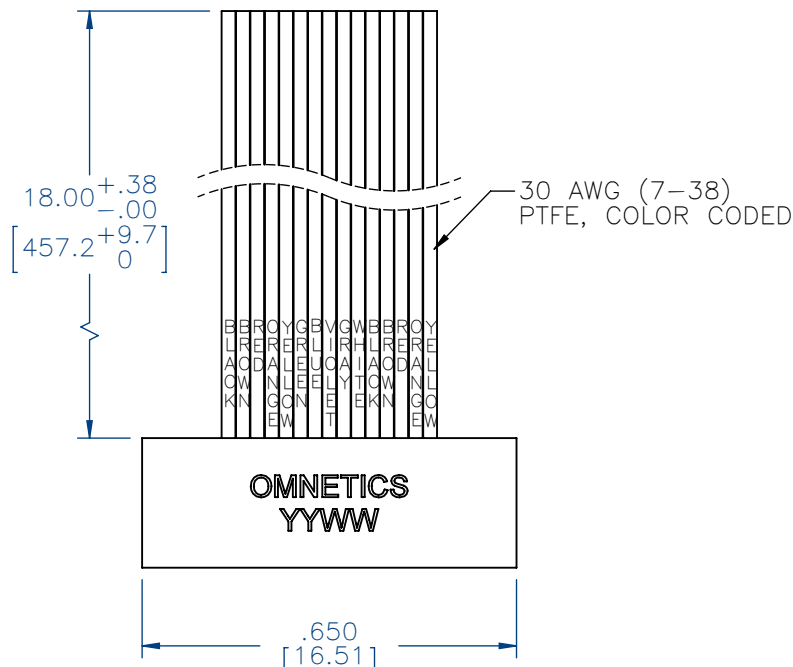
CONTACT:
COPPER ALLOY PER MIL-DTL-
32139, GOLD PLATE PER ASTM
B488, (HARD GOLD) TYPE II
CODE C, CLASS 1.27

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

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

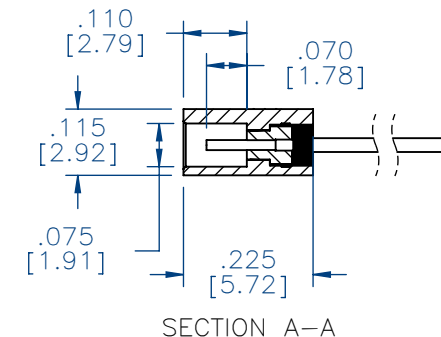
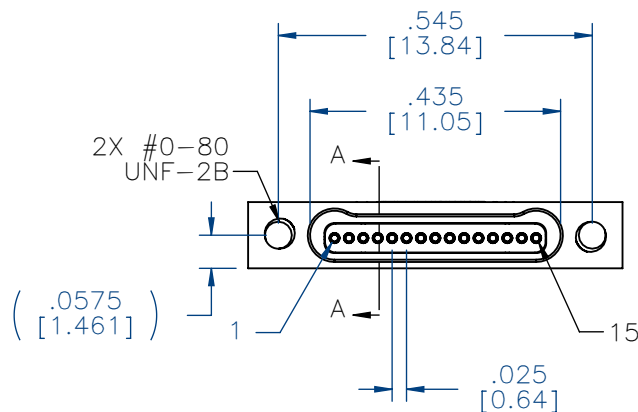
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP
MAX) @ 1.0 AMPS PER MIL-
DTL-32139

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



ACTUAL SIZE
EXCLUDING
WIRE LENGTH

SOCKET #	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

MBS SLDW	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. TEP	DATE 08-31-06
CHK'D.	DATE
APP'D.	DATE
TITLE: (15) SOCKET FEMALE Bi-Lobe® CONNECTOR	

OMNETICS
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MINNEAPOLIS, MN 55432
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CAGE CODE 61873
DWG NO. A55000-015
SHEET 1 OF 1
SCALE: 3:1
REV F