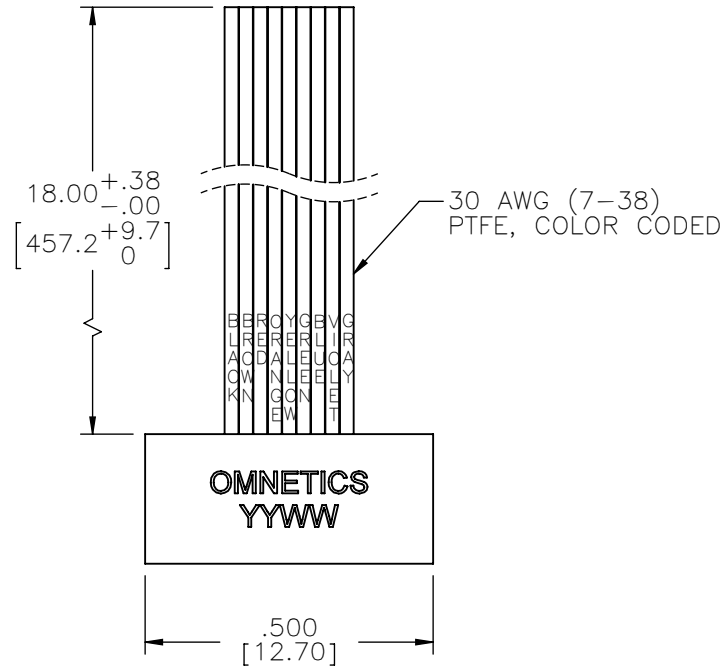


# MATERIALS & SPECIFICATIONS

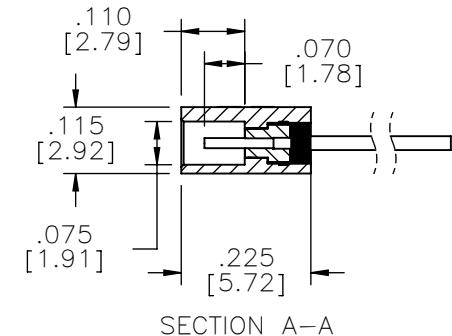
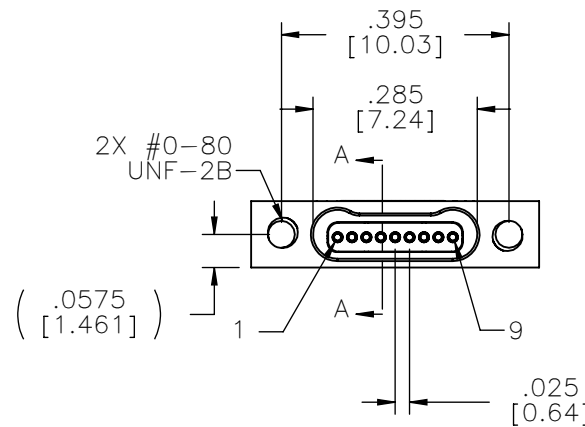
- HOUSING:**  
ALUMINUM 6061-T6, NICKEL PLATE PER SAE-AMS-2404.
- INSULATOR:**  
THERMOPLASTIC PER MIL-DTL-32139
- CONTACT:**  
COPPER ALLOY PER MIL-DTL-32139, GOLD PLATE PER ASTM B488, (HARD GOLD) TYPE II CODE C, CLASS 1.27
- WIRE:**  
NEMA HP3 TYPE ET, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN 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.

PART NO.	A55000-009	REV	ECO	DATE	APP
		F	100683	06-28-14	TLM



ACTUAL SIZE EXCLUDING WIRE LENGTH

SOCKET #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY



**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 09-18-06
CHK'D.	DATE
APP'D.	DATE
TITLE: (9) SOCKET FEMALE Bi-Lobe® CONNECTOR	

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

CAGE CODE 61873
DWG NO. A55000-009
SHEET 1 OF 1
SCALE: 3:1
REV F