

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:

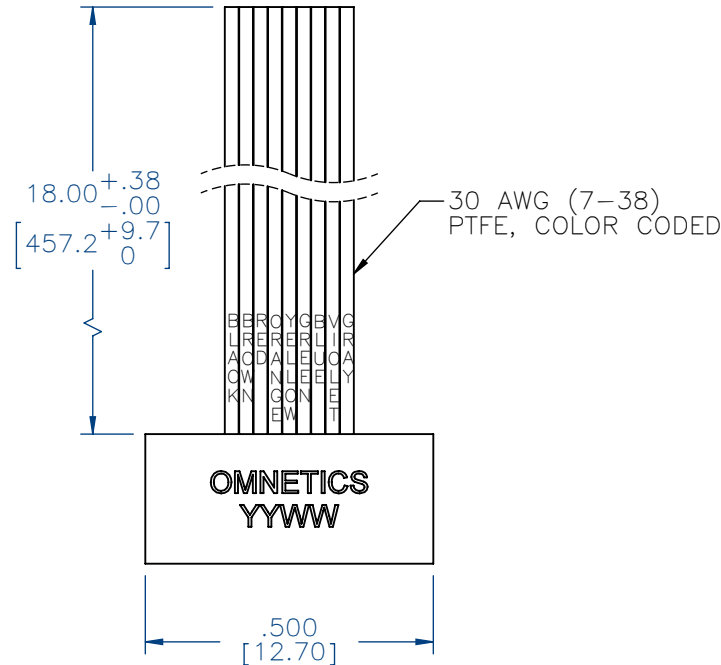
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

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

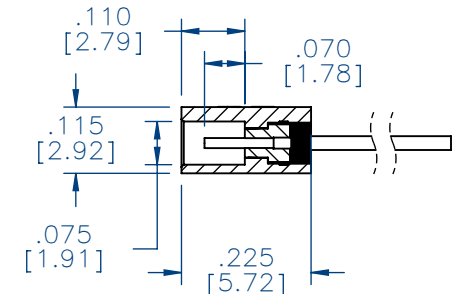
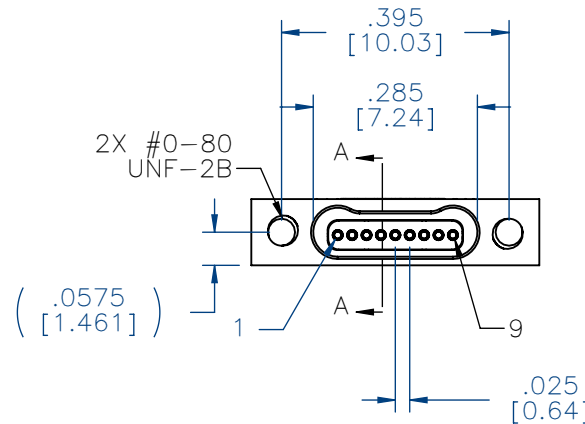
PERFORMANCE:

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



ACTUAL SIZE
EXCLUDING
WIRE LENGTH

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



SECTION A-A

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. TEP	DATE	
CHK'D.	DATE	
APP'D.	DATE	

OMNETICS CONNECTOR CORPORATION	CAGE CODE 61873
7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	DWG NO. A55000-009
	SHEET 1 OF 1
	SCALE: 3:1

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