

MATERIALS & SPECIFICATIONS

PART NO.	A29072-115	REV	ECO	DATE	APP
		A	107676	11-23-21	BAS

HOUSING:
ALUMINUM 6061, NICKEL PLATE (500 MICRINCHES MINIMUM) PER SAE-AMS-2404

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

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

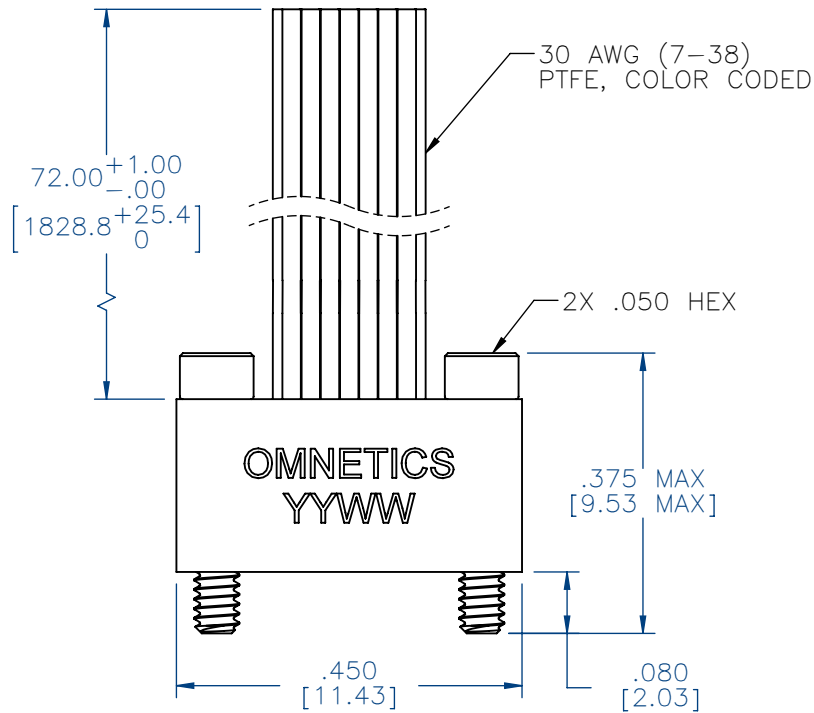
WIRE:
NEMA HP3 TYPE ET, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS

HARDWARE:
303 STAINLESS STEEL PER ASTM A582

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

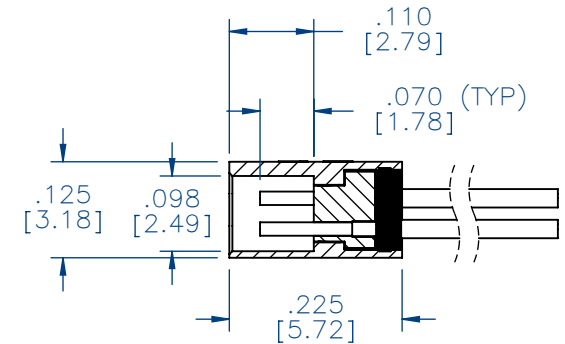
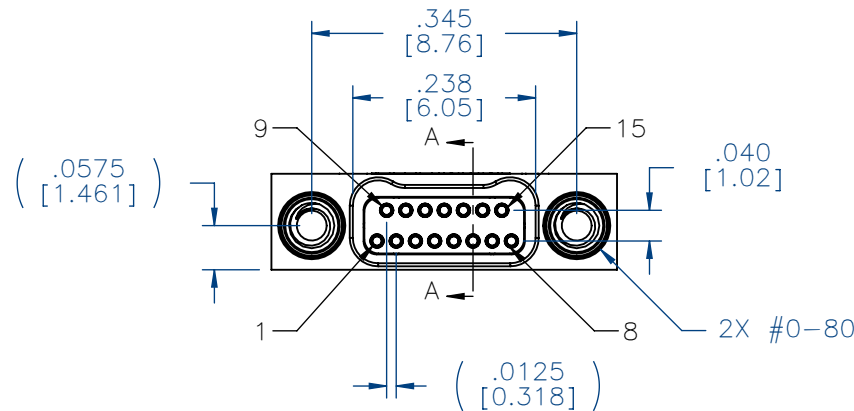
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER MIL-DTL-32139

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



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

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A29000-115



SECTION A-A
VIEW LESS HARDWARE



ACTUAL SIZE
EXCLUDING WIRE LENGTH

NOTE:

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

MNSW	THIRD ANGLE
	-TOLERANCES-
MCTS	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC ± .01
	3 PL DEC ± .005
	4 PL DEC ± .0005
	ANGLES ± 1°

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TITLE:	(15) SOCKET FEMALE BI-LOBE® CONNECTOR
DFTM. DWP	
DATE	11-19-21

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DWG NO.	CAGE CODE 61873
A29072-115	
SHEET 1 OF 1	SCALE: 4:1
REV A	