

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061, NICKEL PLATED (500 MICROINCHES 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.

NOTES:
DIMENSIONS APPLY TO BOTH CONNECTORS
WIRE CONNECTOR 1 TO 1, 2 TO 2, 3 TO 3, ETC.
WIRES SHOWN NOT CROSSED FOR CLARITY

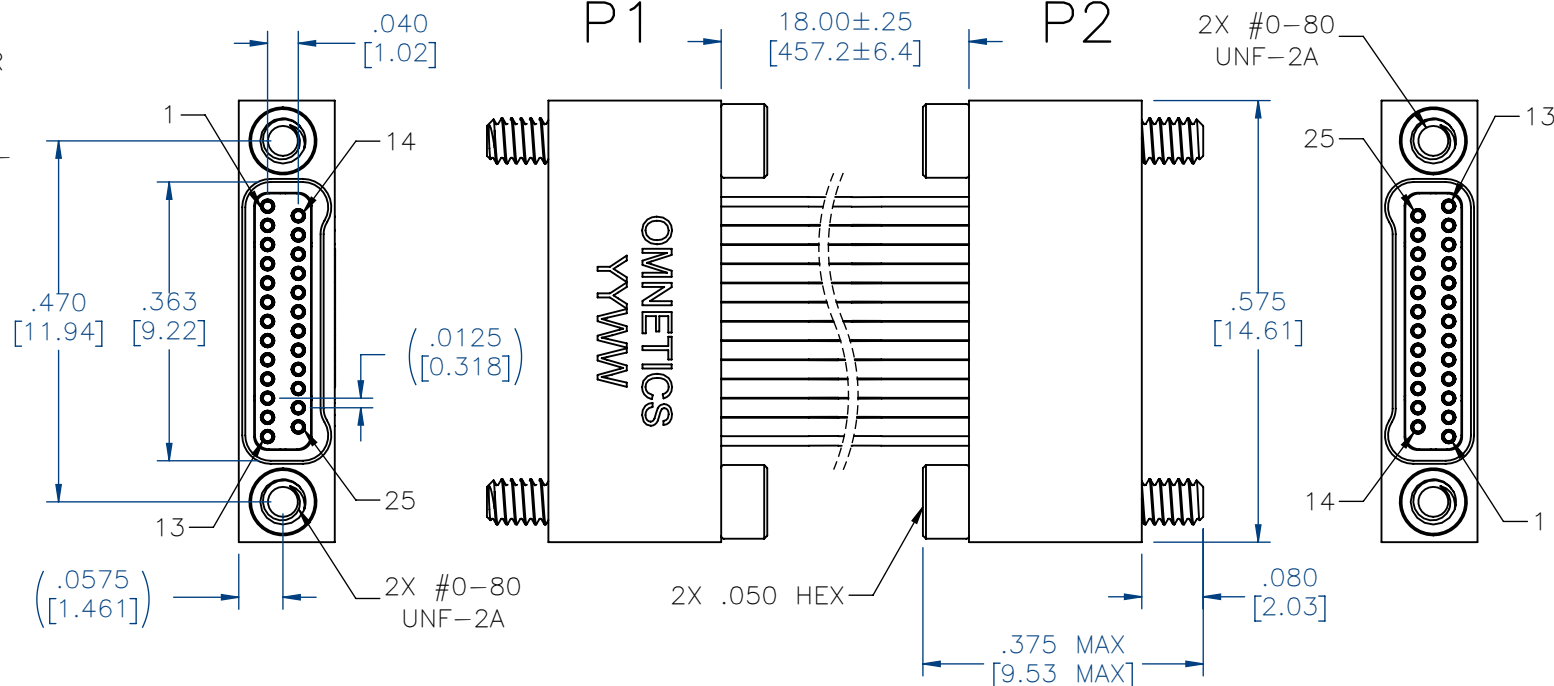
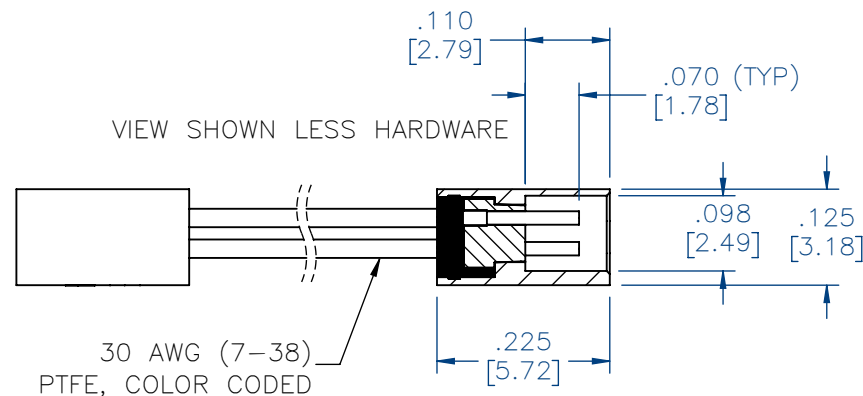
WIRES SHOWN NOT CROSSED FOR CLARITY

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

SOCKET #	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE

INTERNAL USE ONLY
USE MFG LOADING PROCEDURE A29000-125 (BOTH CONNECTORS)

PART NO.	A42634-125	REV	ECO	DATE	APP
		C	104999	11-06-18	HV



REF: OMNETICS

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	-TOLERANCES-		01-25-18	(25) LINE FEMALE
	UNLESS OTHERWISE NOTED		DATE	Bi-Lobe® JUMPER
	DIMENSIONS IN INCHES		DATE	
2 PL DEC±.01	DFTM. TLM			
3 PL DEC±.005	CHK'D.			
4 PL DEC±.0005	APP'D.			
ANGLES ± 1°				

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CAGE CODE	61873
DWG NO.	A42634-125
SHEET 1 OF 1	REV C
SCALE: 4:1	