

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061, NICKEL PLATED
(500 MICROINCHES MINIMUM) PER
SAE-AMS-2404

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

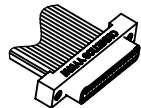
CONTACT:
BERYLLIUM COPPER PER ASTM
B194, C17200, GOLD PLATED PER
ASTM B488, (HARD GOLD) TYPE II
CODE C, CLASS 1.27

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

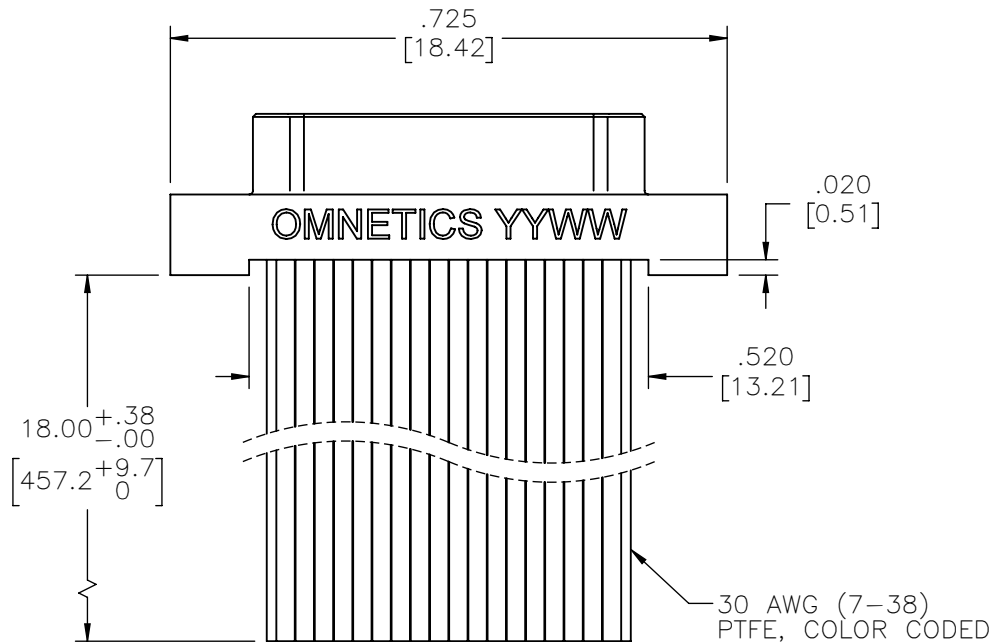
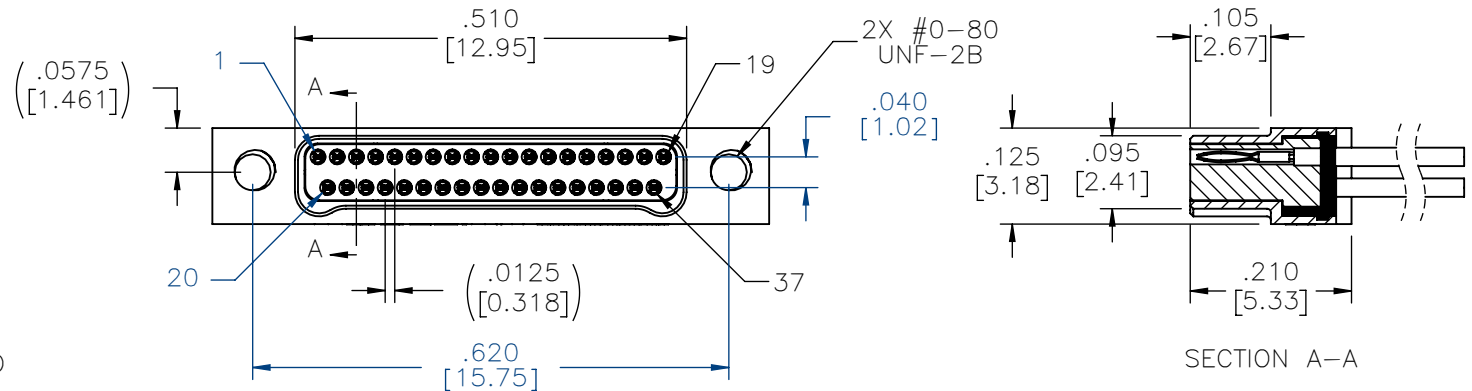
CURRENT RATING:
1 AMP MAX PER MIL-DTL-32139

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



PIN #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22, 32	BROWN
3, 13, 23, 33	RED
4, 14, 24, 34	ORANGE
5, 15, 25, 35	YELLOW
6, 16, 26, 36	GREEN
7, 17, 27, 37	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-037

NOTE:

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

MINPO	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. EDG	DATE	TITLE:	
CHK'D.	DATE	(37) PIN MALE	
APP'D.	DATE	Bi-Lobe® CONNECTOR	

OMNETICS
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CAGE CODE	61873
DWG NO.	A28000-137
SHEET 1 OF 1	REV A
SCALE: 4:1	