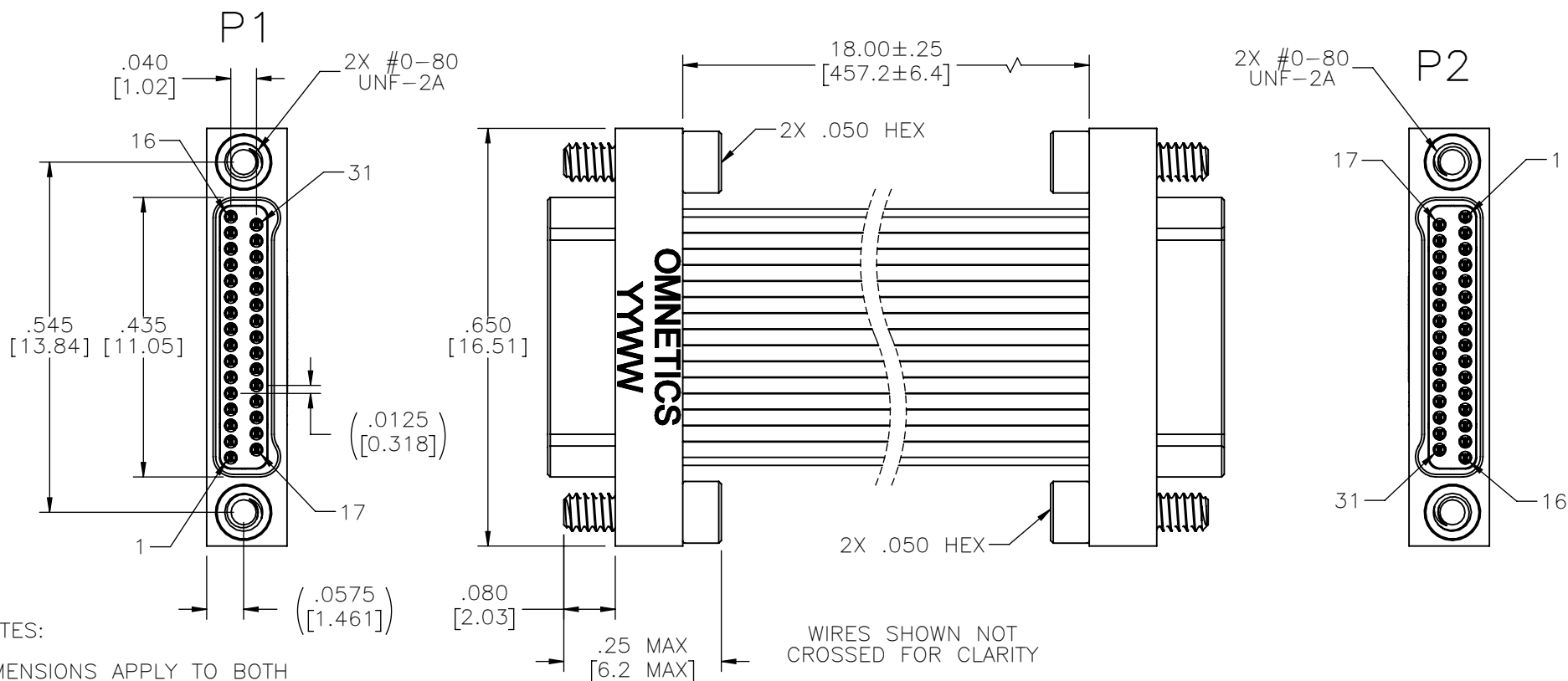
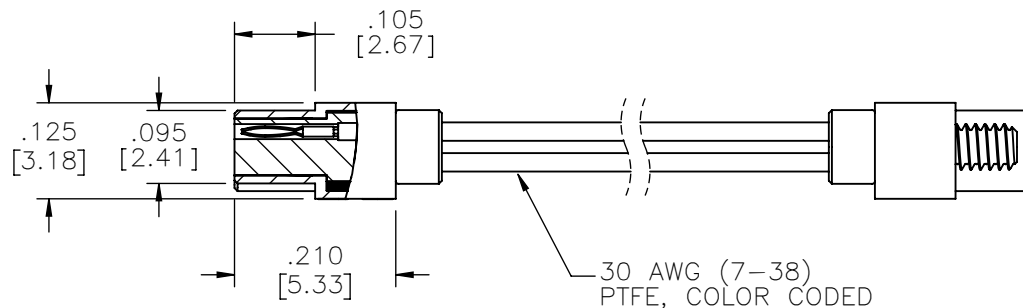


PIN #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16, 26	GREEN
7, 17, 27	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-031
(BOTH CONNECTORS)

PART NO.	A42631-031	REV	ECO	DATE	APP
		A	104968	10-26-18	HV



NOTES:

DIMENSIONS APPLY TO BOTH CONNECTORS

WIRE CONNECTOR 1 TO 1, 2 TO 2, 3 TO 3, ETC.

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

REF: OMNETICS

JUM	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	
APP'D.	DATE	

(31) LINE MALE
Bi-Lobe® JUMPER
ASSEMBLY

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

CAGE CODE	61873
DWG NO.	A42631-031
SHEET 1 OF 2	REV A
SCALE: 4:1	

PART NO.	A42631-031	REV	ECO	DATE	APP
		A	104968	10-26-18	HV

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

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

REF: OMNETICS

JUM <
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