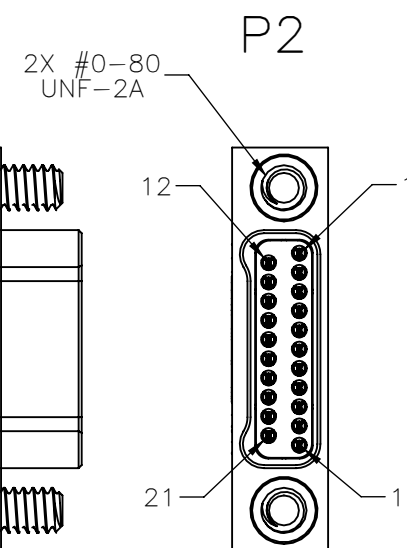
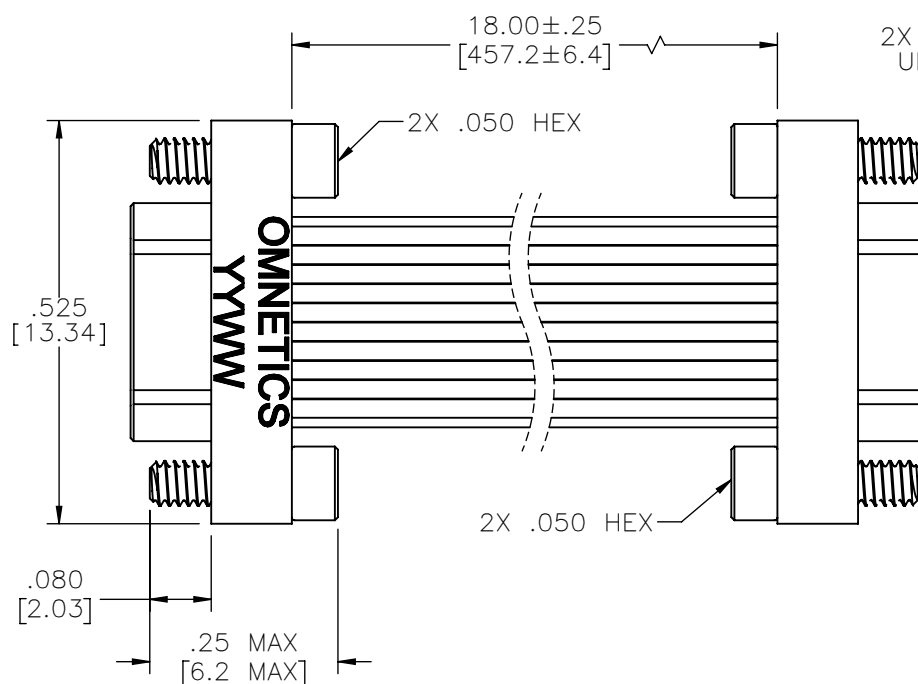
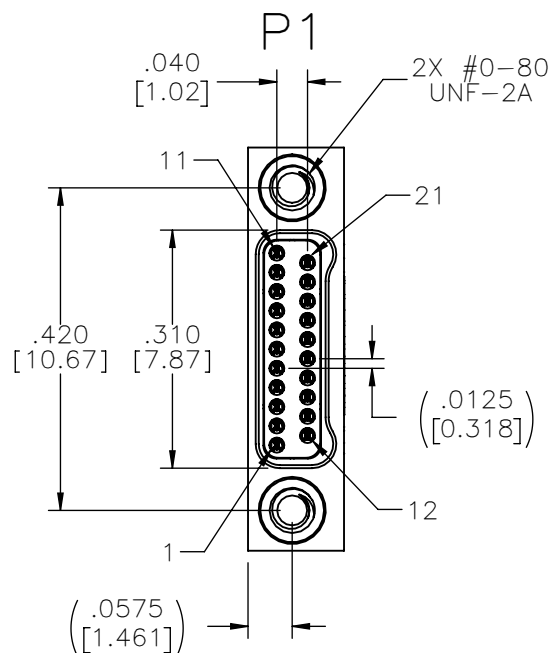
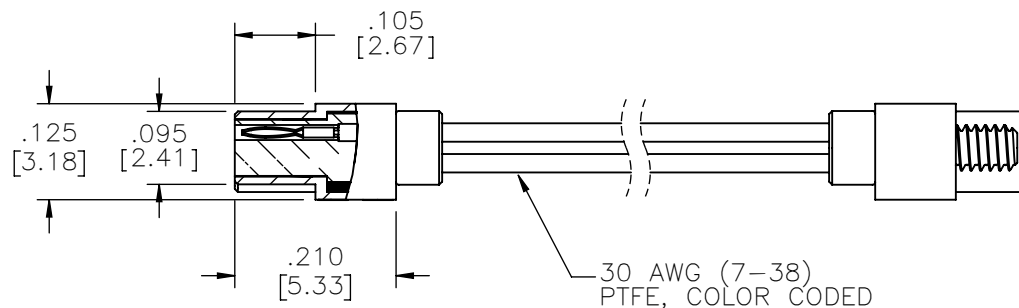


PIN #	COLOR
1, 11, 21	BLACK
2, 12	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-021
(BOTH CONNECTORS)

PART NO.	A42631-021	REV	ECO	DATE	APP
		A	104655	07-18-18	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	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. HV	DATE	TITLE:	
CHK'D.	07-16-18	(21) LINE MALE	
APP'D.		Bi-Lobe® JUMPER	
		ASSEMBLY	

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

CAGE CODE	61873
DWG NO.	A42631-021
SHEET 1 OF 2	REV A
SCALE: 4:1	

PART NO.	A42631-021	REV	ECO	DATE	APP
		A	104655	07-18-18	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

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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