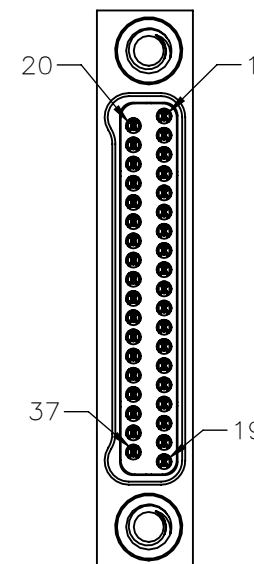
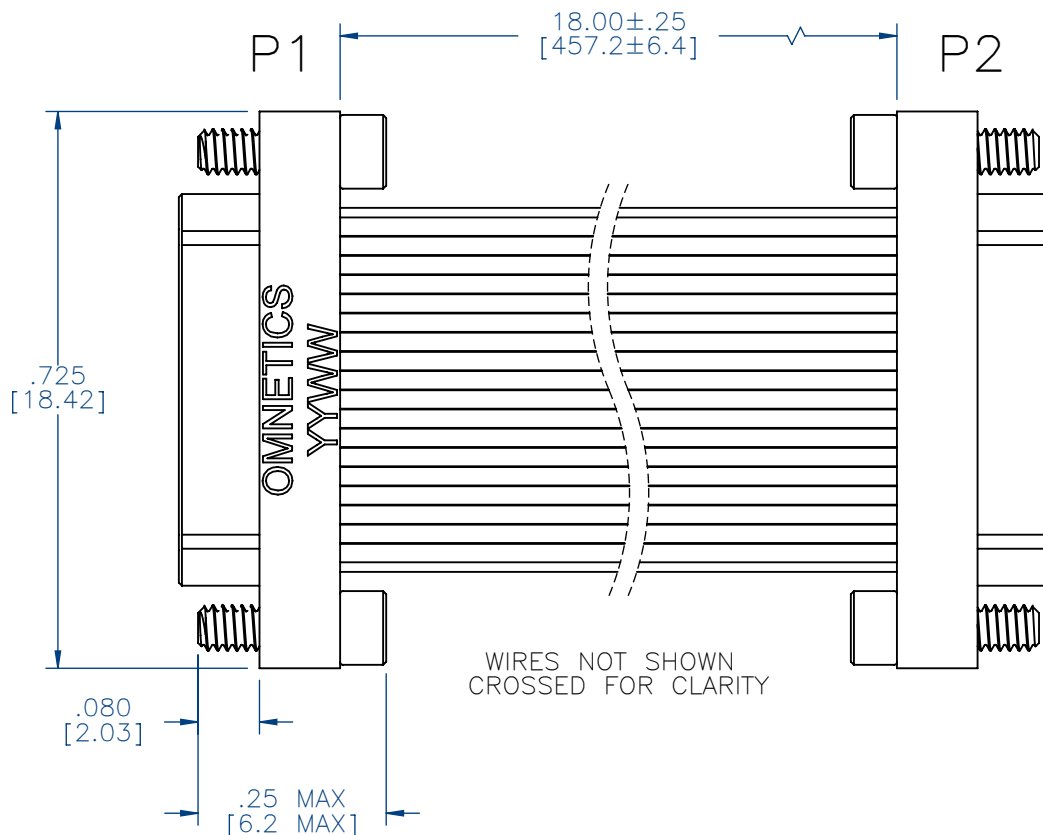
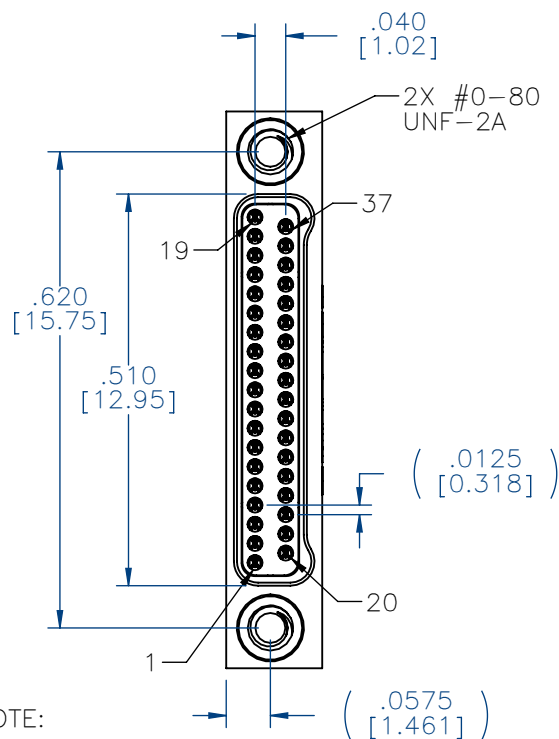
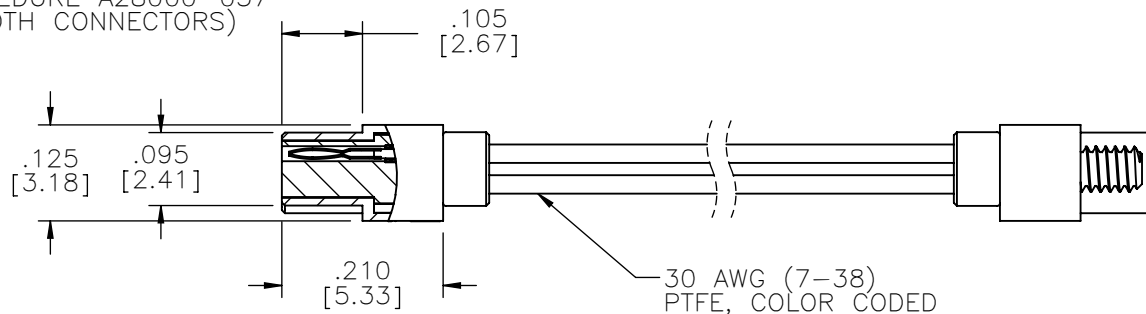


PIN #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22, 32	BROWN
3, 13, 23, 33	RED
4, 14, 24, 34	ORANGE
5, 15, 25, 35	YELLOW
6, 16, 26, 36	GREEN
7, 17, 27, 37	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-037
(BOTH CONNECTORS)

PART NO.	A42631-037	REV	ECO	DATE	APP
		A	101420	03-24-15	TLM



NOTE:

DIMENSIONS FOR CONNECTORS
P1 AND P2 ARE THE SAME

WIRE CONNECTORS 1 TO 1, 2
TO 2, ETC.

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

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. MPA	DATE	03-19-15	
CHK'D.	DATE		
APP'D.	DATE		

TITLE:

(37) LINE MALE
Bi-Lobe® JUMPER
ASSEMBLY

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

CAGE CODE	61873
DWG NO.	A42631-037
SHEET 1 OF 2	REV A
SCALE: 4:1	

PART NO.	A42631-037	REV	ECO	DATE	APP
		A	101420	03-24-15	TLM

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061-T6, NICKEL PLATE 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 582

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

JUM SLDW	THIRD ANGLE 	THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.			CAGE CODE 61873
	-TOLERANCES-				
	UNLESS OTHERWISE NOTED	DFTM. MPA DATE 03-19-15 TITLE: (37) LINE MALE			DWG NO. A42631-037
	DIMENSIONS IN INCHES				
	2 PL DEC± .01	CHK'D.	DATE	7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	SHEET 2 OF 2
	3 PL DEC± .005	APP'D.	DATE		
	4 PL DEC± .0005				REV A
	ANGLES ± 1°				SCALE: 4:1

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MINNEAPOLIS, MN 55432
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