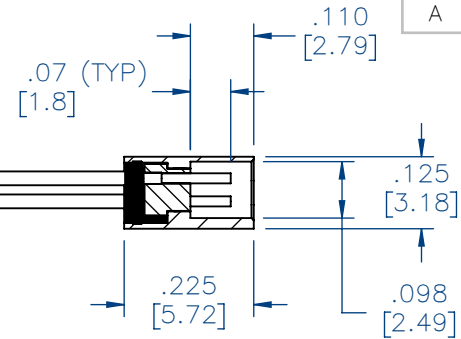
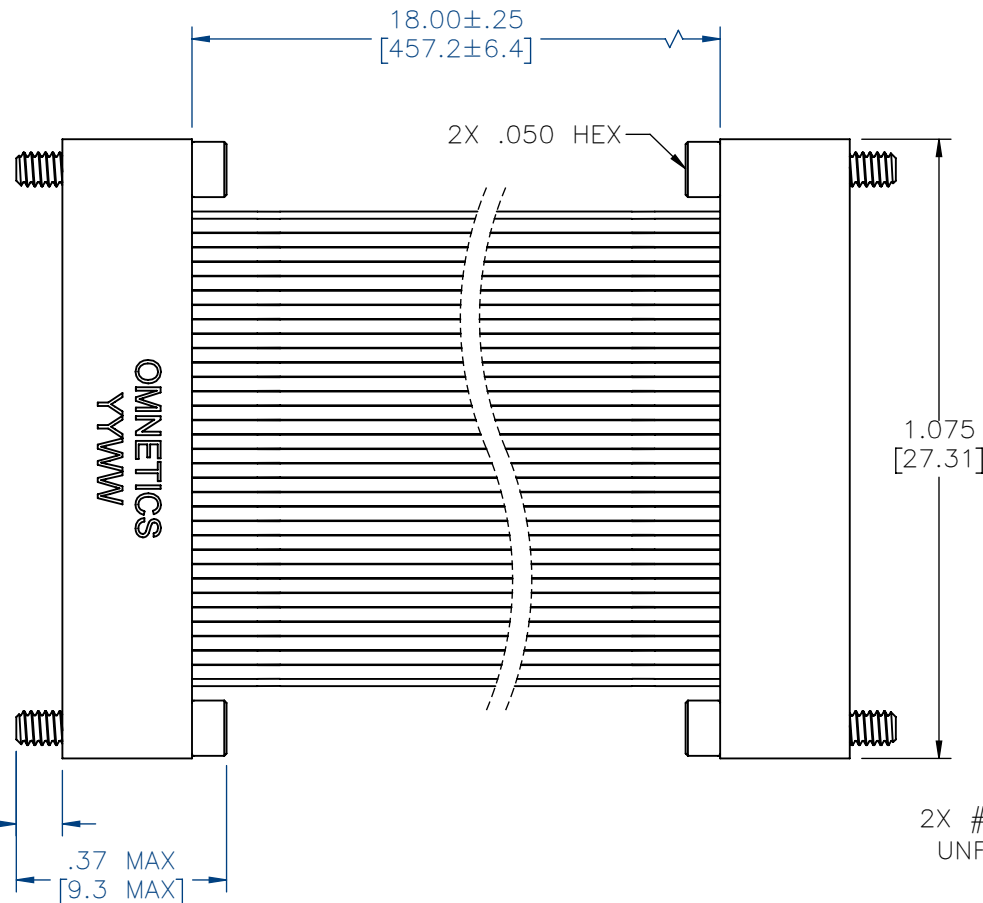
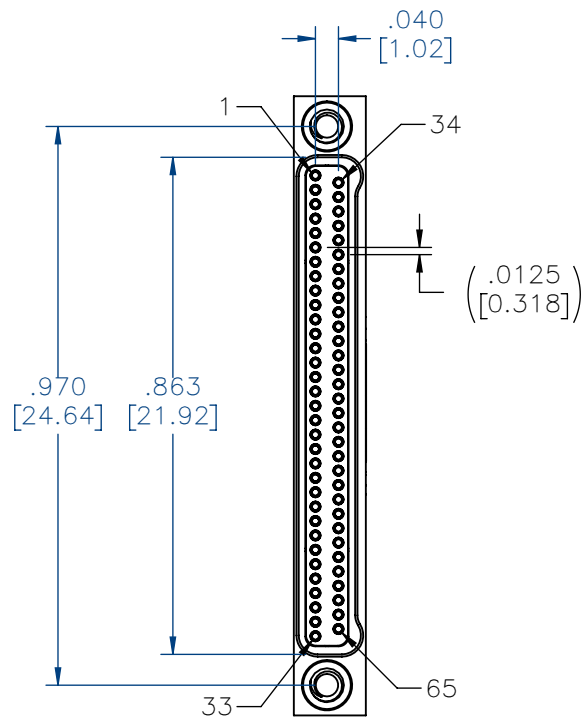


PART NO.	A42634-165	REV	ECO	DATE	APP
		A	106329	12-22-2020	ARJ

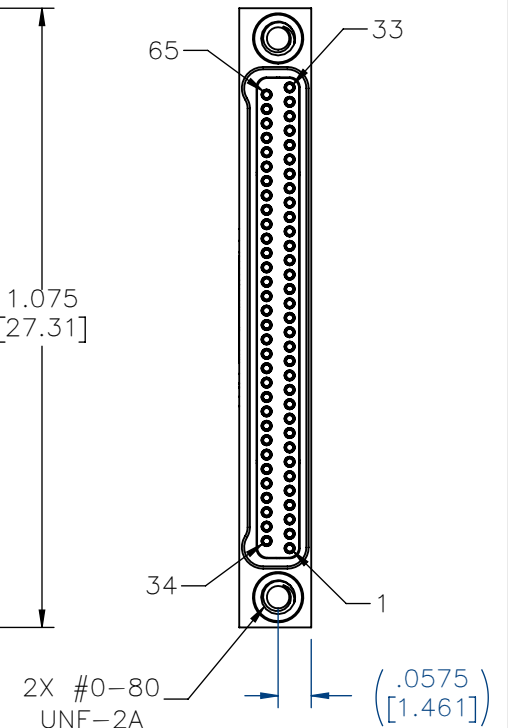
30 AWG (7-38)
PTFE, COLOR CODED



P1



P2



NOTES:

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

DIMENSIONS AND NOTES APPLY TO BOTH CONNECTORS

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

WIRES NOT SHOWN
CROSSED FOR CLARITY

REF: OMNETICS

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. TLM	DATE 04-18-19
CHK'D.	DATE
APP'D.	DATE

TITLE:

(65) LINE FEMALE
Bi-Lobe® JUMPER
ASSEMBLY

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

CAGE CODE 61873	REV A
DWG NO. A42634-165	SCALE: 3:1
SHEET 1 OF 2	

PART NO.	A42634-165	REV	ECO	DATE	APP
		A	106329	12-22-2020	ARJ

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.

SOCKET #	COLOR
1, 11, 21, 31, 41, 51, 61	BLACK
2, 12, 22, 32, 42, 52, 62	BROWN
3, 13, 23, 33, 43, 53, 63	RED
4, 14, 24, 34, 44, 54, 64	ORANGE
5, 15, 25, 35, 45, 55, 65	YELLOW
6, 16, 26, 36, 46, 56	GREEN
7, 17, 27, 37, 47, 57	BLUE
8, 18, 28, 38, 48, 58	VIOLET
9, 19, 29, 39, 49, 59	GRAY
10, 20, 30, 40, 50, 60	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A29000-165
(BOTH CONNECTORS)

REF: OMNETICS

JUM
