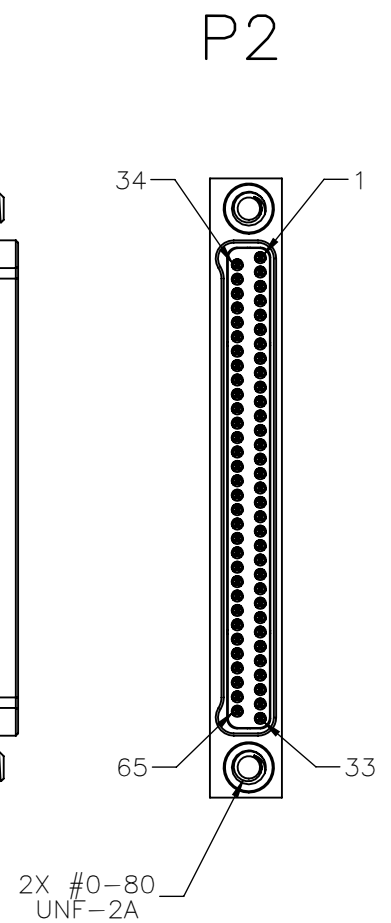
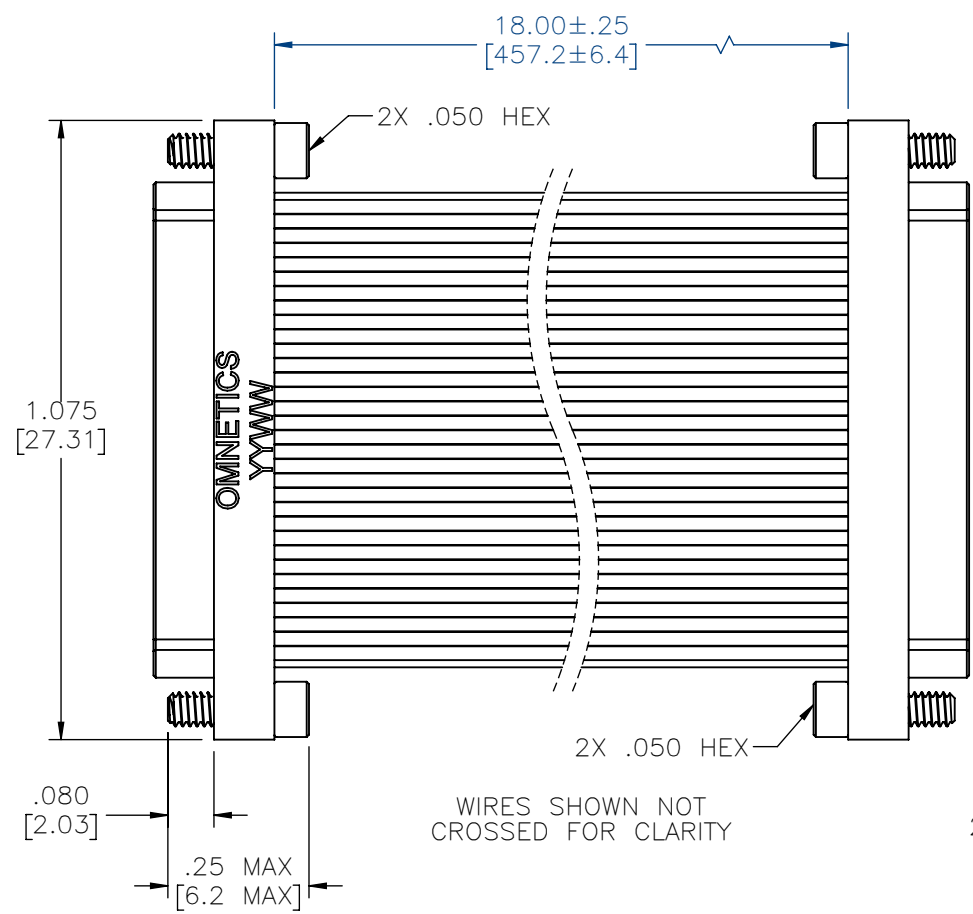
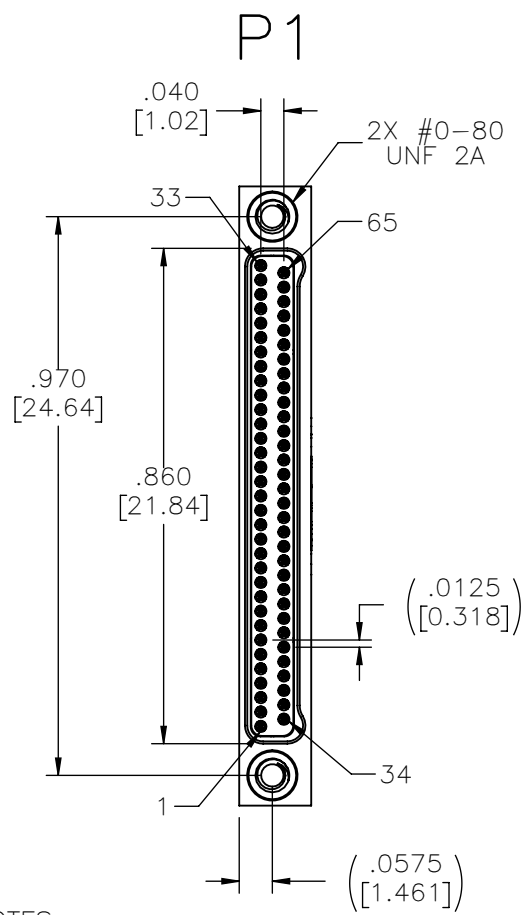
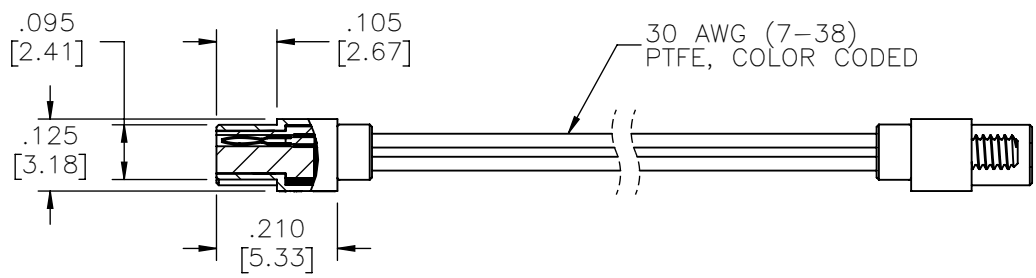


PART NO.	A42631-065	REV	ECO	DATE	APP
		A	104474	05-17-18	HV



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

JUM	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.		OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	-TOLERANCES-		DFTM. EDG			DWG NO.	
	UNLESS OTHERWISE NOTED		DATE 05-16-18			A42631-065	
	DIMENSIONS IN INCHES		TITLE:			SHEET 1 OF 2	
	2 PL DEC ± .01		(65) LINE MALE			REV	
SLDW	3 PL DEC ± .005		CHK'D.		MINNEAPOLIS, MN 55432		
	4 PL DEC ± .0005		DATE		WWW.OMNETICS.COM		
	ANGLES ± 1°		APP'D.		SCALE: 3:1		
					A		
				ASSEMBLY			

PART NO.	A42631-065	REV	ECO	DATE	APP
		A	104474	05-17-18	HV

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061, NICKEL PLATE (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

PIN #	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 A28000-065
(BOTH CONNECTORS)

JUM
