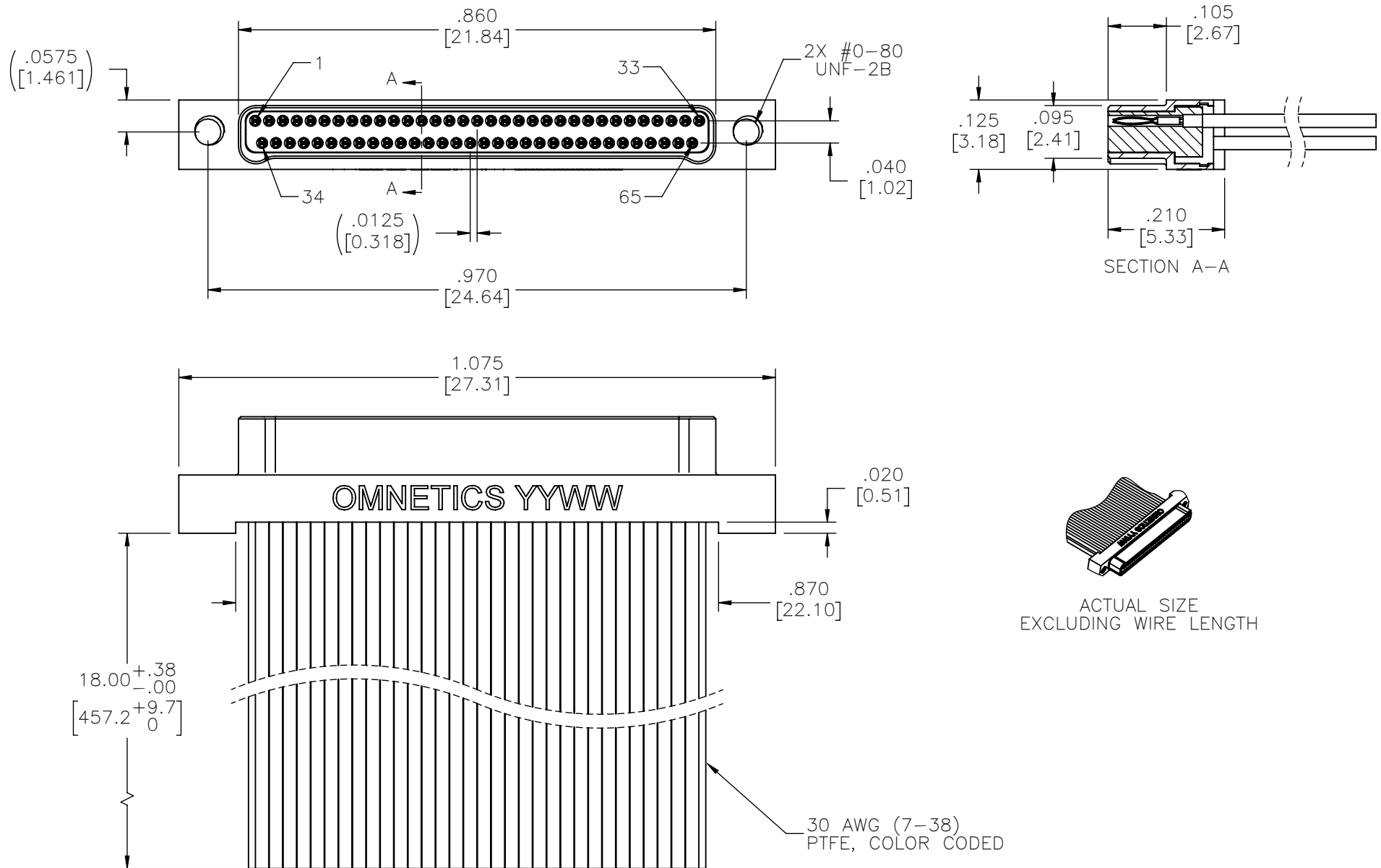


PART NO.	A28000-165	REV	ECO	DATE	APP
		A	105642	07-17-19	TLM



NOTE:

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

MIN/PO	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. TLM	DATE 07-15-19
CHK'D.	DATE
APP'D.	DATE
TITLE: (65) PIN MALE Bi-Lobe® CONNECTOR	

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

CAGE CODE 61873	DWG NO. A28000-165
SHEET 1 OF 2	REV A
SCALE: 4:1	

PART NO.	A28000-165	REV	ECO	DATE	APP
		A	105642	07-17-19	TLM

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

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

MINPO 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.			OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	-TOLERANCES-					DWG NO. A28000-165	
	UNLESS OTHERWISE NOTED					SHEET 2 OF 2	
	DIMENSIONS IN INCHES					SCALE: 4:1	
	2 PL DEC± .01	DFTM. TLM	DATE 07-15-19	TITLE:	(65) PIN MALE	REV A	
	3 PL DEC± .005	CHK'D.	DATE				
	4 PL DEC± .0005	APP'D.	DATE				
	ANGLES ± 1°						