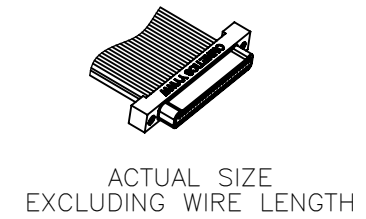
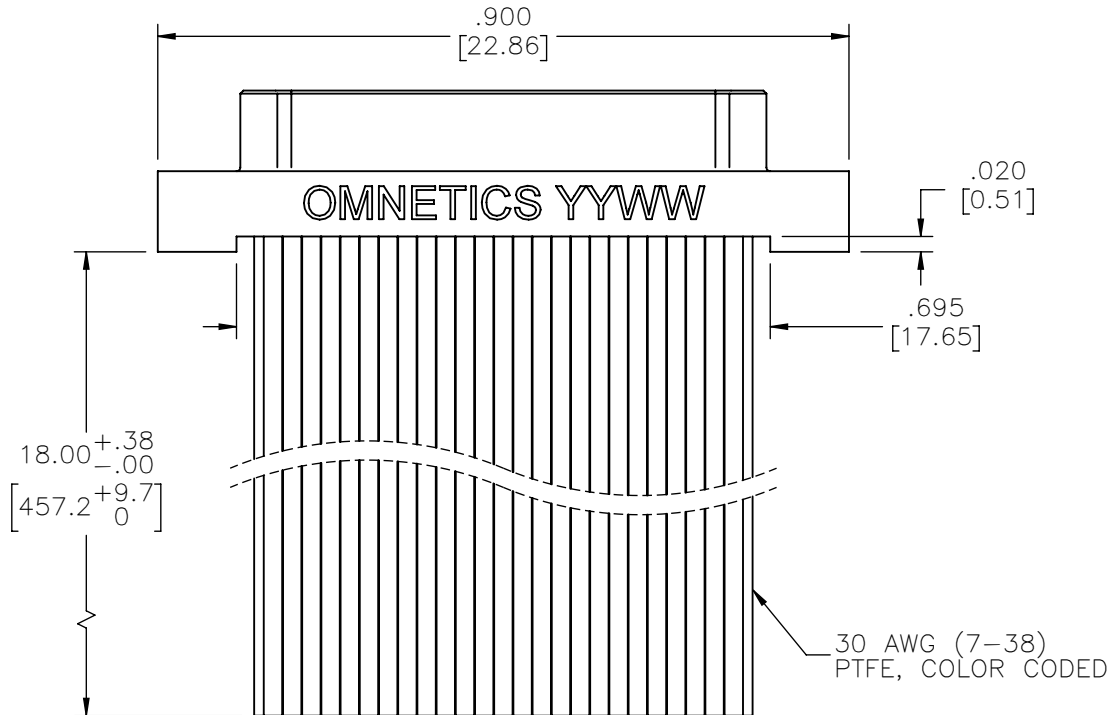
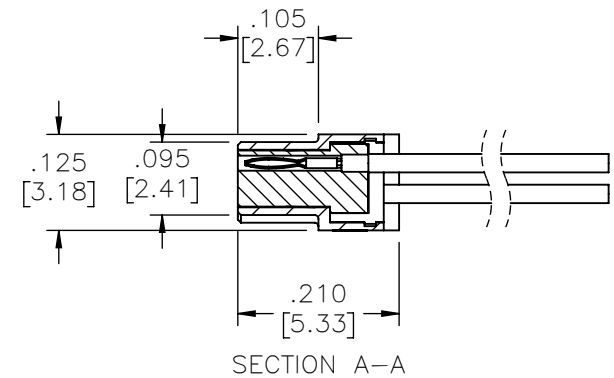
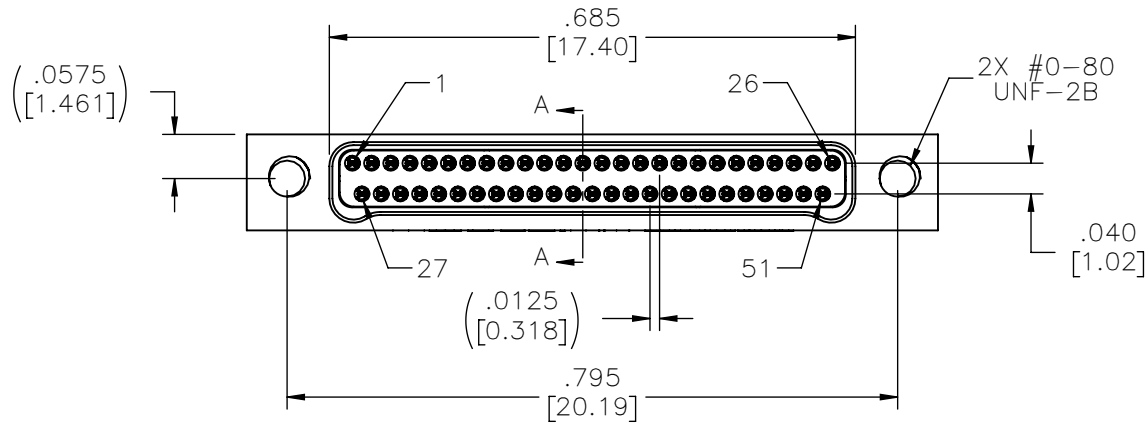


PART NO.	A28000-151	REV	ECO	DATE	APP
		A	105153	12-28-18	TLM



NOTE:

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

MNP	THIRD ANGLE	
	-TOLERANCES-	
SLDW	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
CHK'D.		12-18-18
APP'D.		

TITLE:
(51) PIN MALE
Bi-Lobe® CONNECTOR

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

CAGE CODE	61873
DWG NO.	A28000-151
SHEET 1 OF 2	REV A
SCALE: 4:1	

PART NO.	A28000-151	REV	ECO	DATE	APP
		A	105153	12-28-18	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	BLACK
2, 12, 22, 32, 42	BROWN
3, 13, 23, 33, 43	RED
4, 14, 24, 34, 44	ORANGE
5, 15, 25, 35, 45	YELLOW
6, 16, 26, 36, 46	GREEN
7, 17, 27, 37, 47	BLUE
8, 18, 28, 38, 48	VIOLET
9, 19, 29, 39, 49	GRAY
10, 20, 30, 40, 50	WHITE

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-051

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.				 CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	—TOLERANCES— UNLESS OTHERWISE NOTED	DATE					DWG NO.	
	DIMENSIONS IN INCHES	DFTM. HV	12-18-18	TITLE:	A28000-151			
	2 PL DEC± .01 3 PL DEC± .005 4 PL DEC± .0005 ANGLES ± 1°	CHK'D.	DATE	(51) PIN MALE Bi-Lobe® CONNECTOR	SHEET 2 OF 2		REV A	
		APP'D.	DATE		SCALE: 4:1			