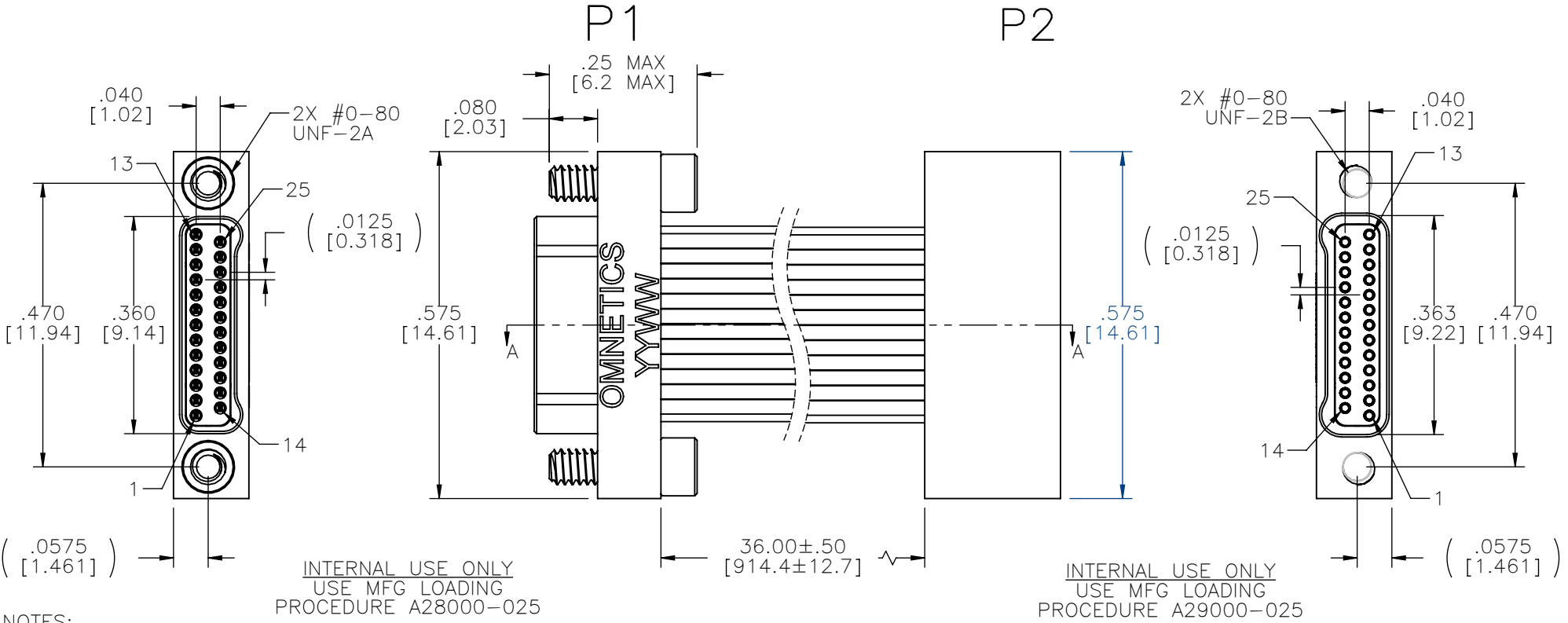
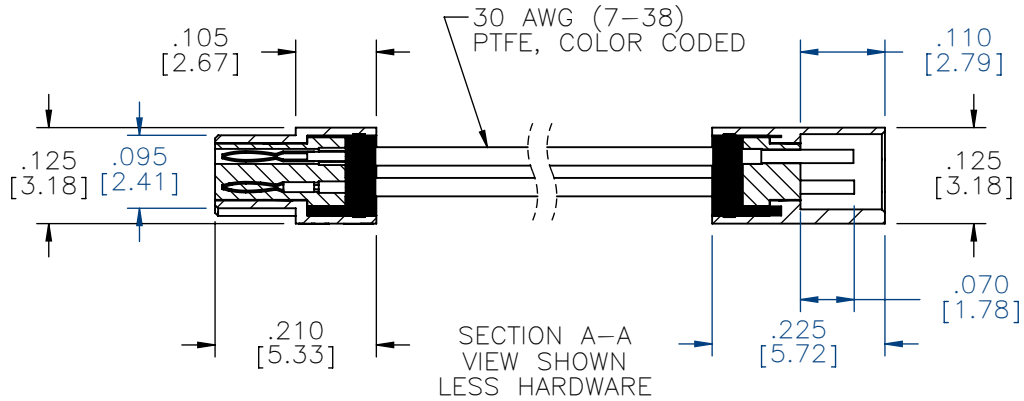


PART NO.	A42629-025	REV	ECO	DATE	APP
		A	101661	06-18-15	TLM

POSITION #	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE



INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A28000-025

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE A29000-025

NOTES:
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.	DATE	TITLE:
	-TOLERANCES-		06-10-15	
	UNLESS OTHERWISE NOTED		DATE	(25) LINE MALE/FEMALE
	DIMENSIONS IN INCHES		DATE	Bi-Lobe® JUMPER
2 PL DEC ± .01	APP'D.		ASSEMBLY	
3 PL DEC ± .005				
4 PL DEC ± .0005				
ANGLES ± 1°				

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

CAGE CODE	61873
DWG NO.	A42629-025
SHEET 1 OF 2	REV A
SCALE:	4:1

PART NO.	A42629-025	REV	ECO	DATE	APP
		A	101661	06-18-15	TLM

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061-T6, NICKEL PLATE
PER SAE-AMS-2404.

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER
ASTM D5138

PIN:
BERYLLIUM COPPER PER ASTM B194,
C17200, GOLD PLATED PER ASTM
B488, (HARD GOLD) TYPE II CODE C,
CLASS 1.27

SOCKET:
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 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.		 OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	-TOLERANCES-	DFTM. BCV	DATE		TITLE:	DWG NO.
	UNLESS OTHERWISE NOTED	CHK'D.	DATE		(25) LINE MALE/FEMALE	A42629-025
	DIMENSIONS IN INCHES	APP'D.	DATE		Bi-Lobe® JUMPER ASSEMBLY	SHEET 2 OF 2
2 PL DEC± .01				SCALE: 4:1		
3 PL DEC± .005						
4 PL DEC± .0005						
ANGLES ± 1°						