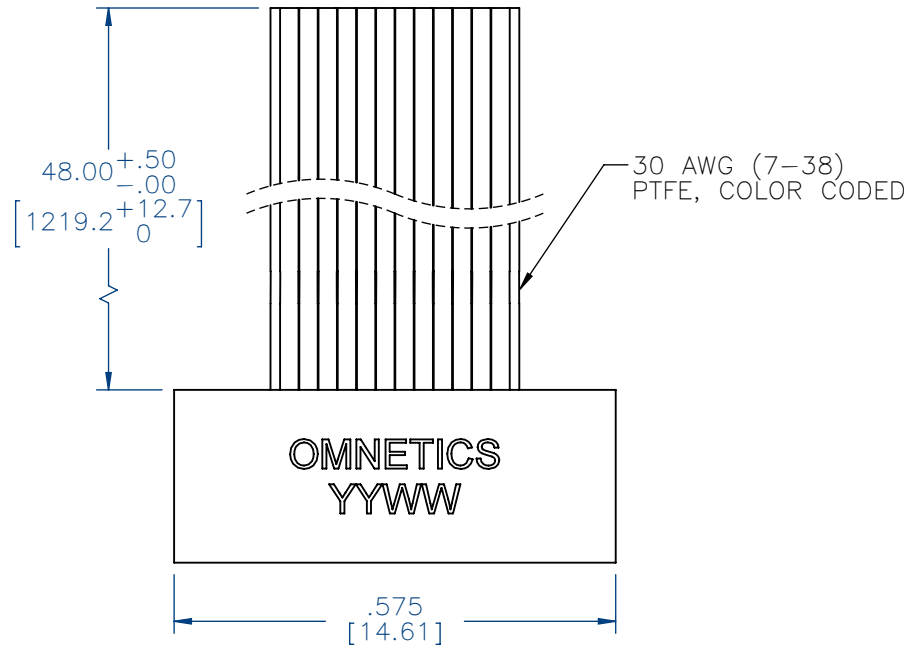


# MATERIALS & SPECIFICATIONS

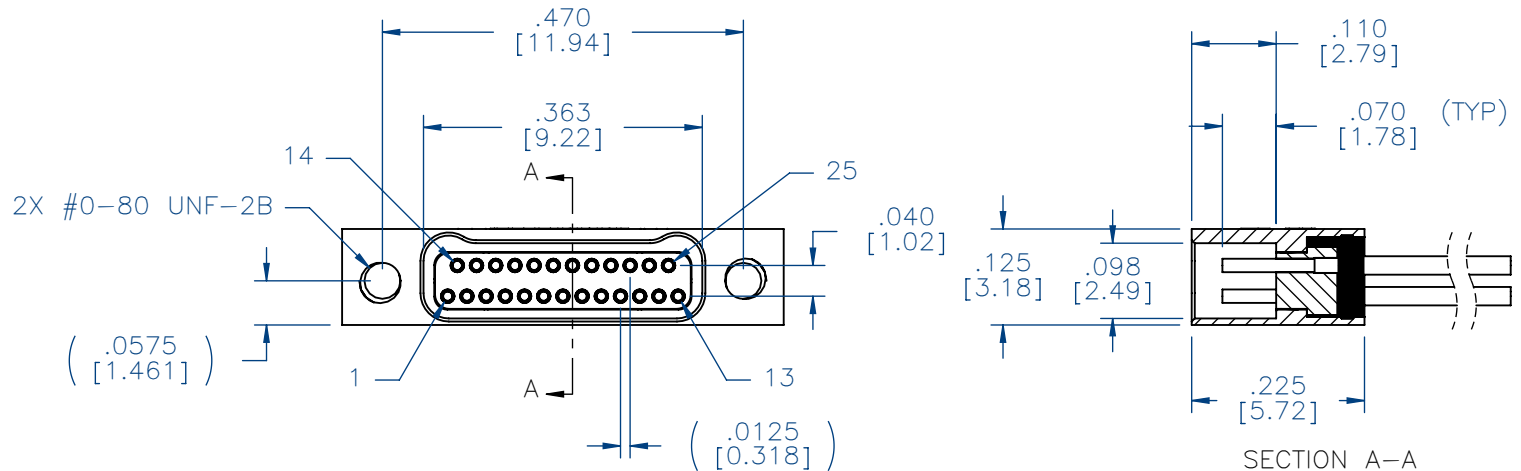
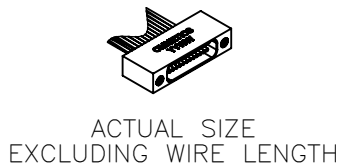
PART NO.	A29048-025	REV	ECO	DATE	APP
		A	99440	04-13-13	TLM

- HOUSING:**  
ALUMINUM 6061-T6, NICKEL PLATE  
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
- 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	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  
SHEET 2 OF 2 IS A  
MFG LOADING DIAGRAM



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

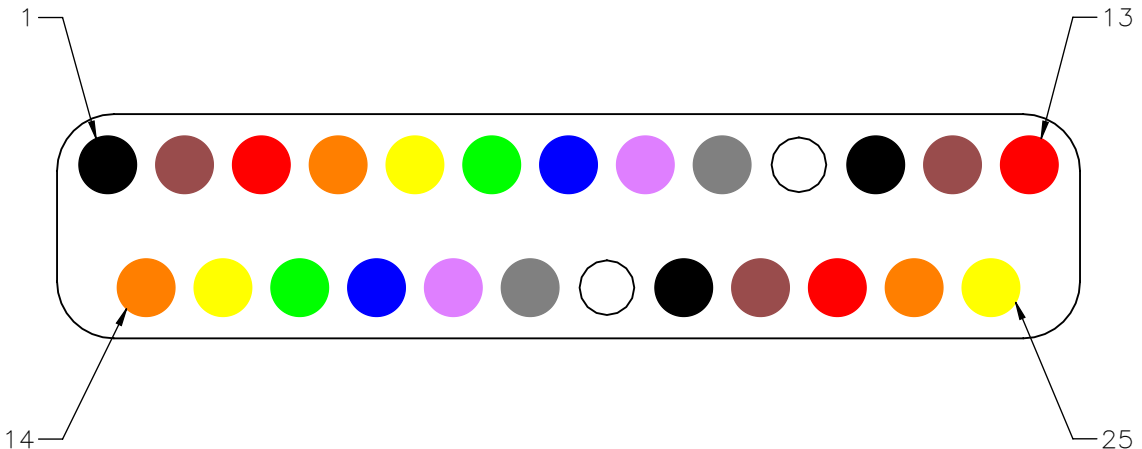
MNSW	THIRD ANGLE
	-TOLERANCES-
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
SLDS	2 PL DEC ± .01
	3 PL DEC ± .005
	4 PL DEC ± .0005
	ANGLES ± 1°

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DFTM. TLM	DATE 04-13-13
CHK'D.	DATE
APP'D.	DATE
TITLE: (25) SOCKET FEMALE Bi-Lobe® CONNECTOR	

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

CAGE CODE 61873
DWG NO. A29048-025
SHEET 1 OF 2
SCALE: 4:1
REV A

PART NO.	A29048-025	REV	ECO	DATE	APP
		A	99440	04-13-13	TLM



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

MNSO 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 04-13-13
CHK'D.	DATE
APP'D.	DATE

TITLE:  
(25) SOCKET FEMALE  
Bi-Lobe® CONNECTOR

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

CAGE CODE <b>61873</b>
DWG NO. <b>A29048-025</b>
SHEET 2 OF 2
SCALE: 16:1
REV A