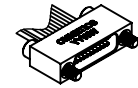


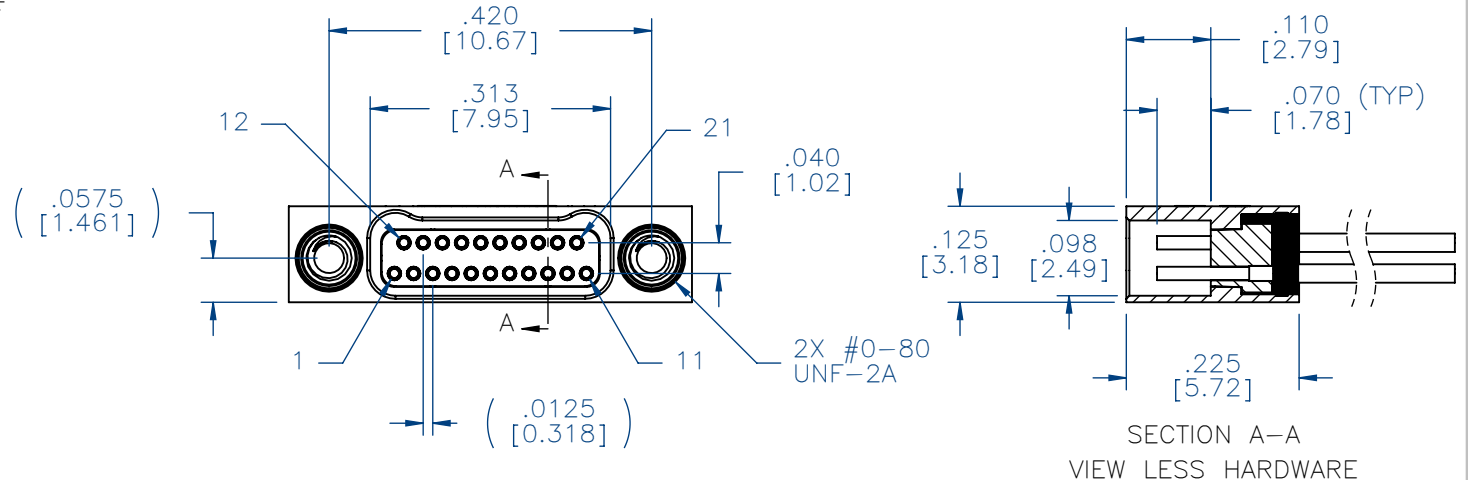
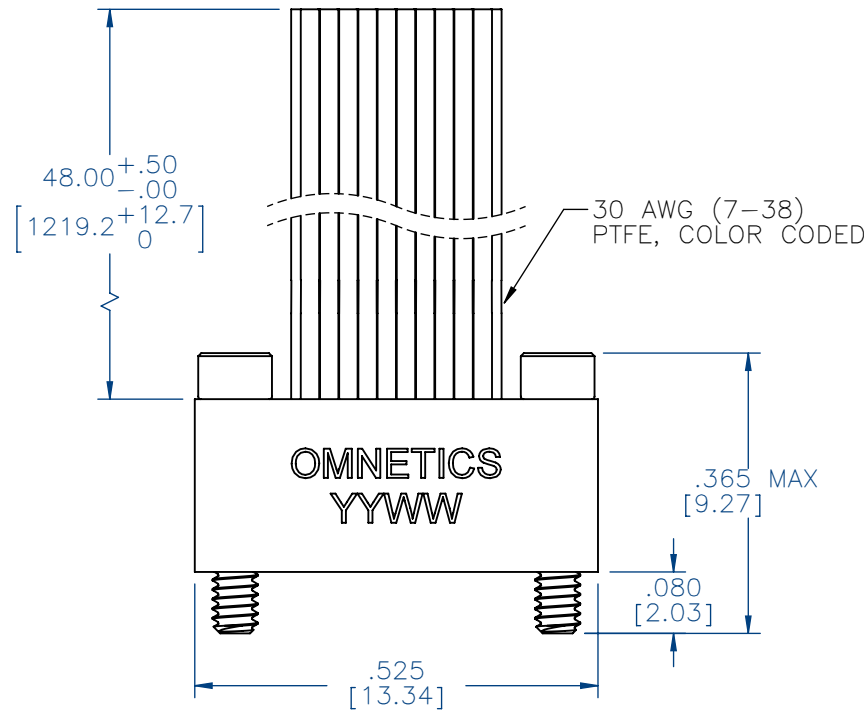
# MATERIALS & SPECIFICATIONS

PART NO.	A29048-121	REV	ECO	DATE	APP
		A	99441	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
- 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



ACTUAL SIZE  
EXCLUDING WIRE LENGTH



## INTERNAL USE ONLY

SHEET 2 OF 2 IS A  
MFG LOADING DIAGRAM

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

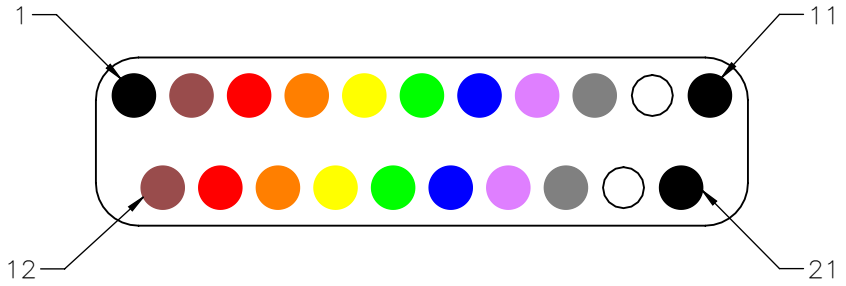
MGT'S	THIRD ANGLE
	-TOLERANCES-
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
OSN/W	2 PL DEC ± .01
	3 PL DEC ± .005
	4 PL DEC ± .0005
	ANGLES ± 1°

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DFTM. TLM	DATE 04-13-13
CHK'D.	DATE
APP'D.	DATE
TITLE: (21) 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>A29048-121</b>
SHEET 1 OF 2
SCALE: 4:1
REV A

PART NO.	A29048-121	REV	ECO	DATE	APP
		A	99441	04-13-13	TLM



SOCKET #	COLOR
1, 11, 21	BLACK
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MNSO	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 04-13-13	TITLE: (21) SOCKET FEMALE Bi-Lobe® CONNECTOR	CAGE CODE <b>61873</b>
	-TOLERANCES- UNLESS OTHERWISE NOTED				
SLDW	DIMENSIONS IN INCHES	DFTM. TLM	DATE		SHEET 2 OF 2
	2 PL DEC± .01 3 PL DEC± .005 4 PL DEC± .0005 ANGLES ± 1°	CHK'D.	DATE		REV A
		APP'D.	DATE		SCALE: 12:1

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