

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 60601-T6, NICKEL PLATE
PER AMS-C-26074.

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

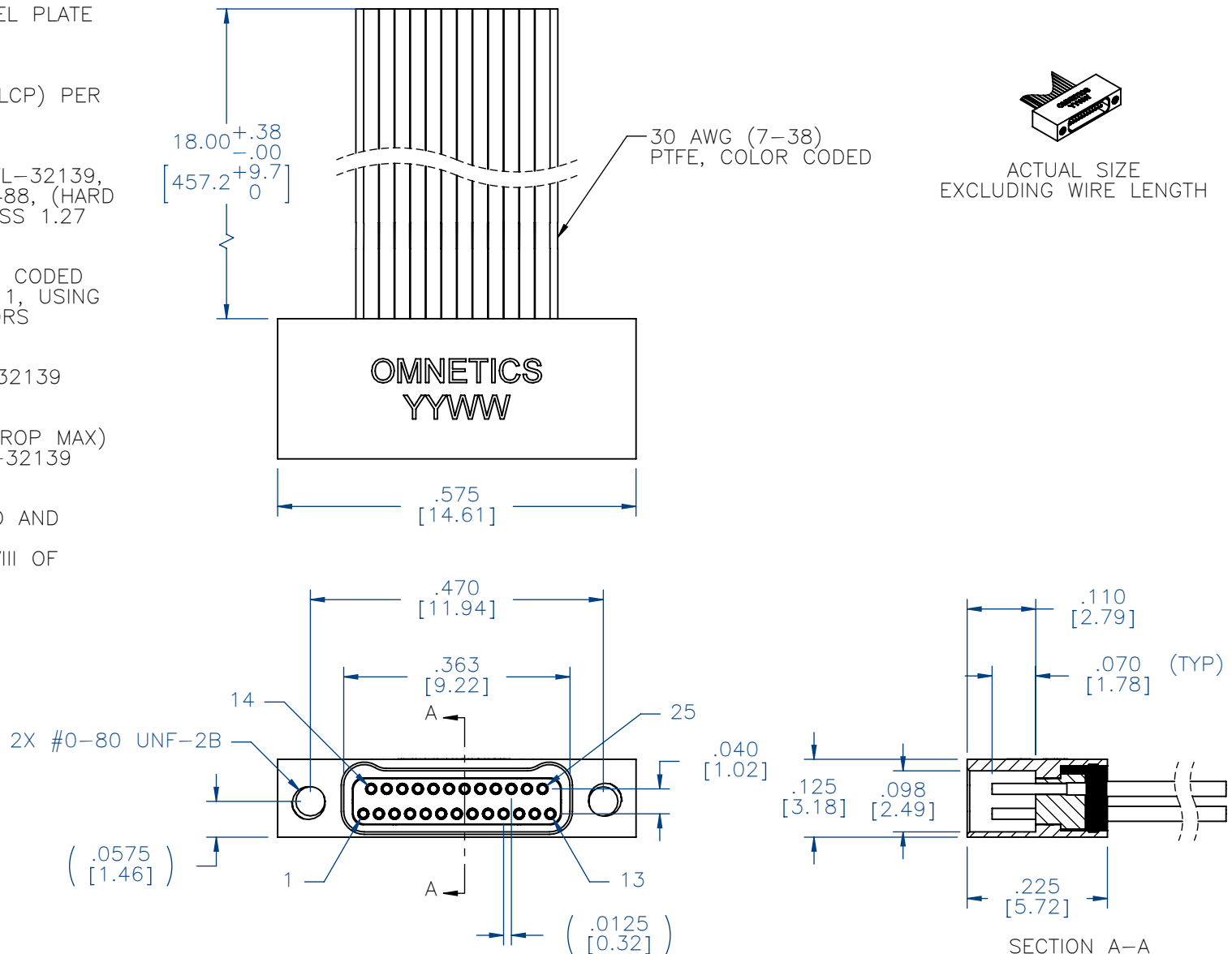
PERFORMANCE:

PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139.

INTERNAL USE ONLY

SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

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



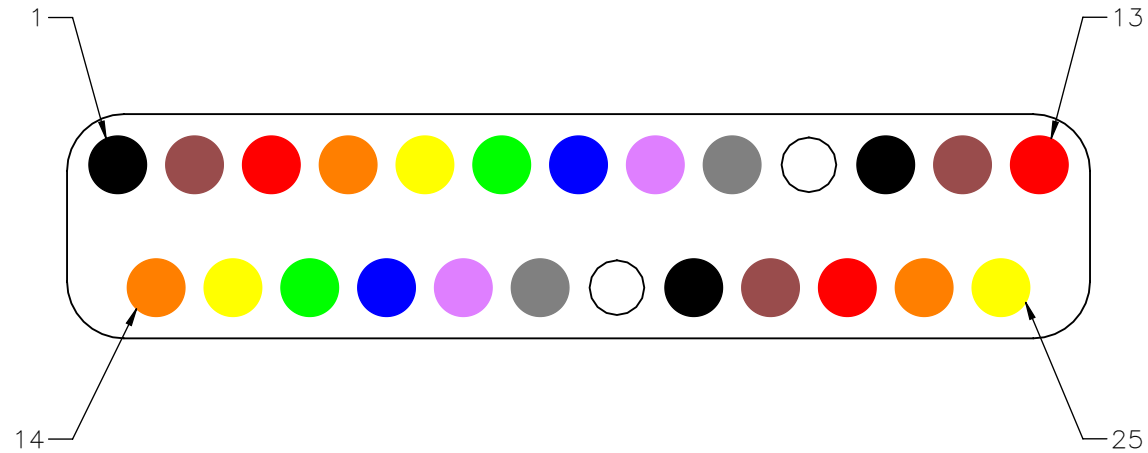
THIRD ANGLE	TOLERANCES
UNLESS OTHERWISE NOTED	
DIMENSIONS IN INCHES	
2 PL DEC $\pm .01$	
3 PL DEC $\pm .005$	
4 PL DEC $\pm .0005$	
ANGLES $\pm 1^\circ$	

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DFTM. AAS	DATE	
CHK'D.	DATE	
APP'D.	DATE	

OMNETICS CONNECTOR CORPORATION	CAGE CODE 61873
7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	DWG NO. A29000-025
	SHEET 1 OF 2
	SCALE: 4:1

REV G	ECO 96257	DATE 10-19-09	APP TLM

PART NO.	A29000-025	REV	ECO	DATE	APP
		G	96257	10-19-09	TLM



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MNSO 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—						DWG NO.	
	UNLESS OTHERWISE NOTED						A29000-025	
	DIMENSIONS IN INCHES						SHEET 2 OF 2	
	2 PL DEC ± .01						REV	
	3 PL DEC ± .005	DFTM. AAS	DATE	TITLE:				
	4 PL DEC ± .0005			(25) SOCKET FEMALE				
	ANGLES ± 1°	CHK'D.	DATE	BI-LOBE CONNECTOR				
		APP'D.	DATE	—				
							SCALE: 16:1	G

OMNETICS
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MINNEAPOLIS, MN 55432
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