

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

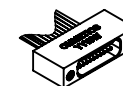
CONTACT RESISTANCE:

71 MILLIOHM MAX (71mV DROP MAX)
© 1.0 AMPS PER MIL-DTL-32139

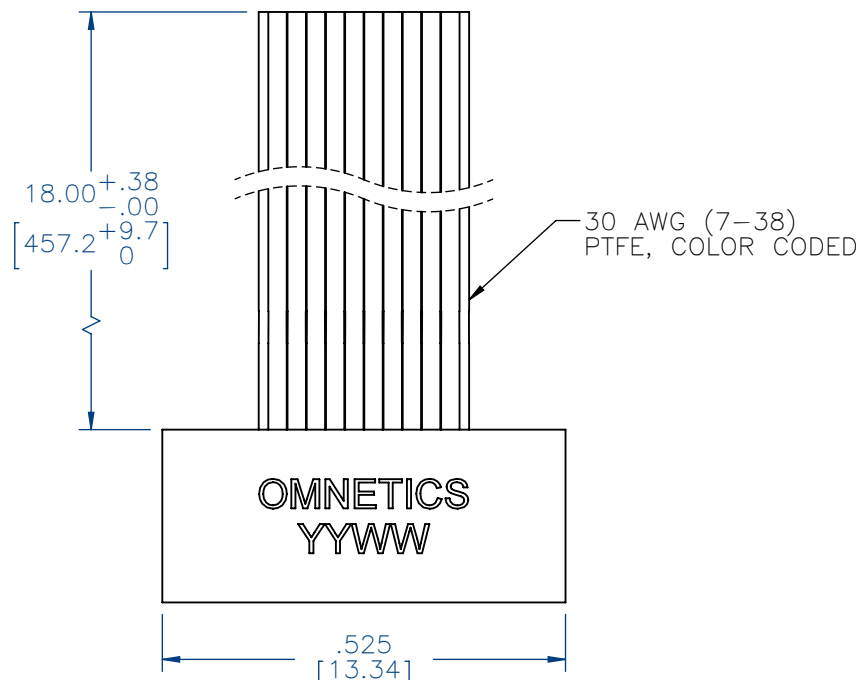
PERFORMANCE:

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

PART NO.	A29000-021	REV	ECO	DATE	APP
		G	96257	10-19-09	TLM



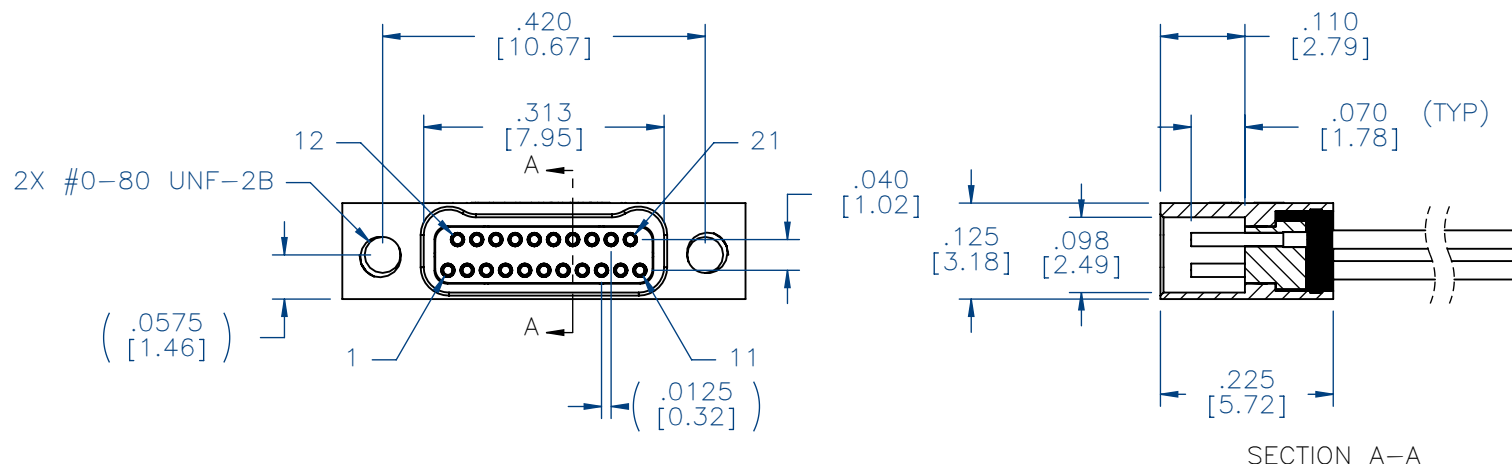
ACTUAL SIZE
EXCLUDING WIRE LENGTH



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

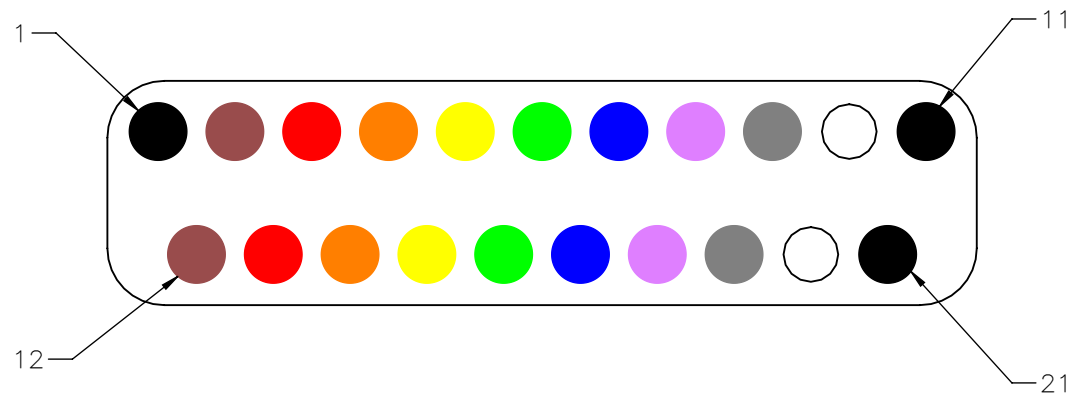


THIRD ANGLE	TOLERANCES
UNLESS OTHERWISE NOTED	
DIMENSIONS IN INCHES	
2 PL DEC $\pm .01$	
3 PL DEC $\pm .005$	
4 PL DEC $\pm .0005$	
ANGLES $\pm 1^\circ$	

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

OMNETICS	CAGE CODE 61873
CONNECTOR CORPORATION	DWG NO. A29000-021
7260 COMMERCE CIRCLE EAST	SHEET 1 OF 2
MINNEAPOLIS, MN 55432	REV G
WWW.OMNETICS.COM	SCALE: 4:1

PART NO.	A29000-021	REV	ECO	DATE	APP
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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.		CAGE CODE 61873
	-TOLERANCES-			
SLDW	UNLESS OTHERWISE NOTED	DFTM. AAS	DATE 05-07-04	DWG NO. A29000-021
	DIMENSIONS IN INCHES	CHK'D.	DATE	SHEET 2 OF 2
	2 PL DEC $\pm$.01	APP'D.	DATE	REV G
	3 PL DEC $\pm$.005			SCALE: 16:1
	4 PL DEC $\pm$.0005			
	ANGLES $\pm$ 1°			

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
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