

MATERIALS & SPECIFICATIONS

PART NO.	A29000-015	REV	ECO	DATE	APP
		G	96257	10-19-09	TLM

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:

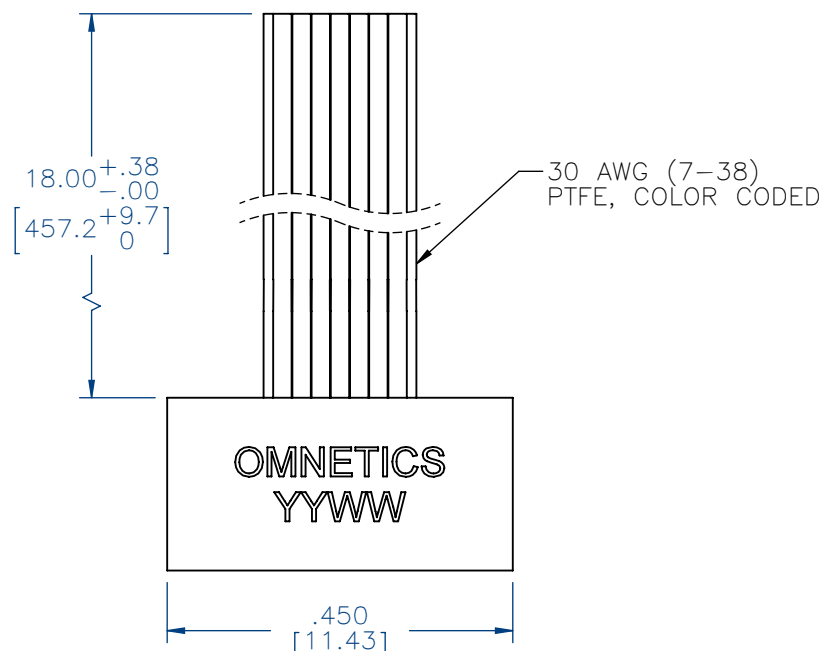
71 MILLIOHM MAX (71mV DROP MAX)
@ 1.0 AMPS PER MIL-DTL-32139

PERFORMANCE:

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



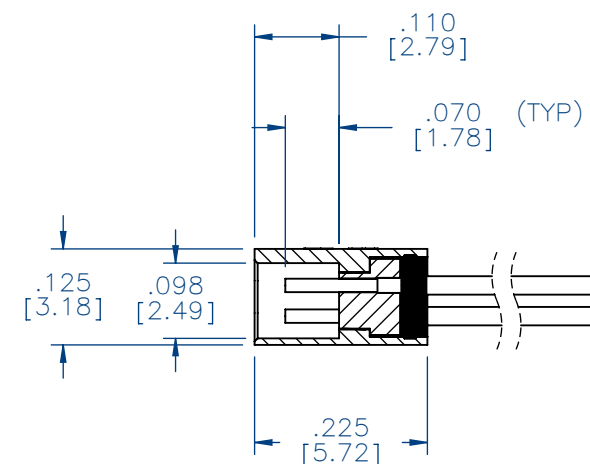
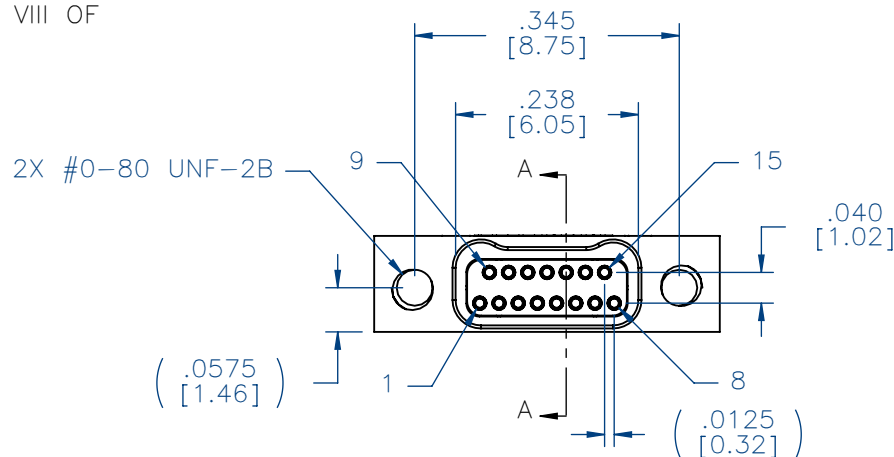
ACTUAL SIZE
EXCLUDING WIRE LENGTH



INTERNAL USE ONLY

SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

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



SECTION A-A

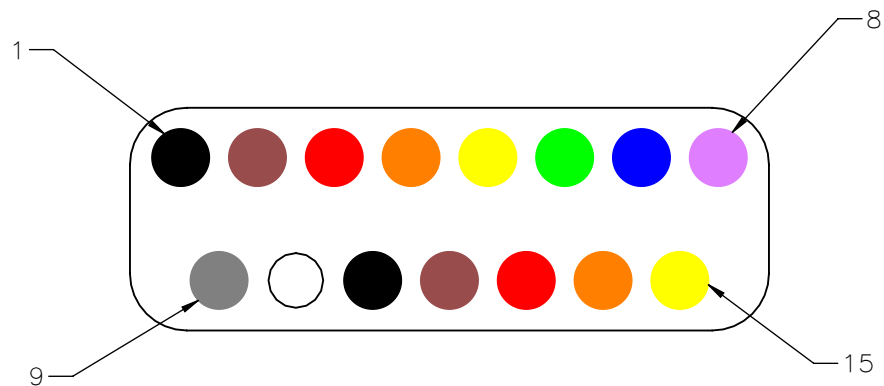
THIRD ANGLE	TOLERANCES
UNLESS OTHERWISE NOTED	
DIMENSIONS IN INCHES	
2 PL DEC ± .01	
3 PL DEC ± .005	
4 PL DEC ± .0005	
ANGLES ± 1°	

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DFTM. ASS	05-07-04	(15) SOCKET FEMALE
CHK'D.		BI-LOBE CONNECTOR
APP'D.		

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

CAGE CODE 61873	DWG NO.
A29000-015	
SHEET 1 OF 2	REV G
SCALE: 4:1	

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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.			 OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873		
	—TOLERANCES—						DWG NO.	A29000-015	
	UNLESS OTHERWISE NOTED						SHEET 2 OF 2		REV G
	DIMENSIONS IN INCHES								
	2 PL DEC $\pm .01$	DFTM. ASS							
3 PL DEC $\pm .005$		05-07-04	(15) SOCKET FEMALE	BI—LOBE CONNECTOR					
4 PL DEC $\pm .0005$	CHK'D.	DATE							
ANGLES $\pm 1^\circ$	APP'D.	DATE	—						