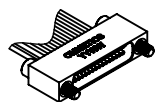
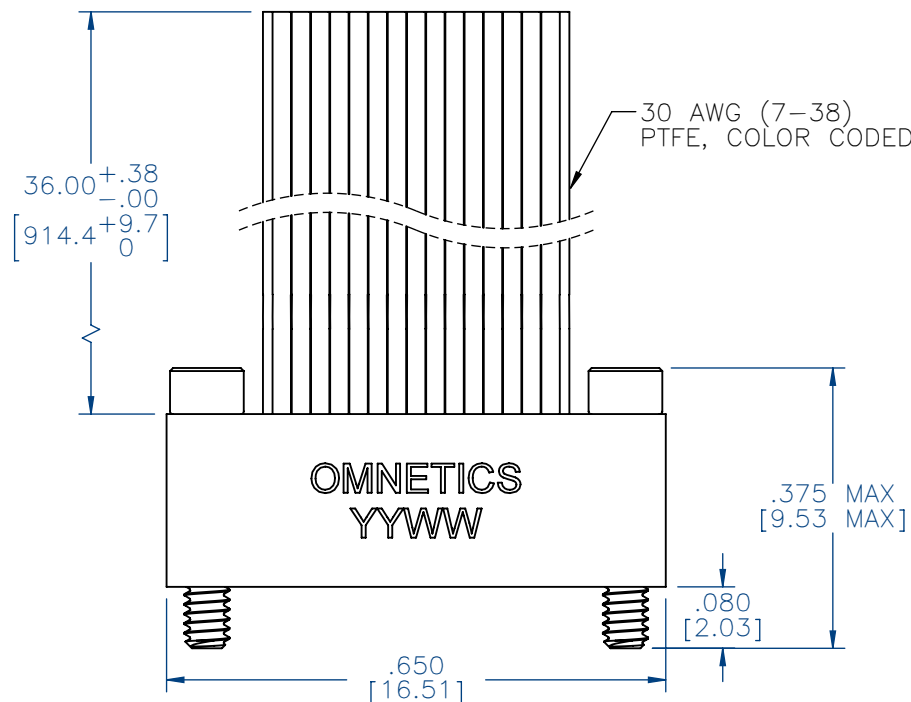


MATERIALS & SPECIFICATIONS

- 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



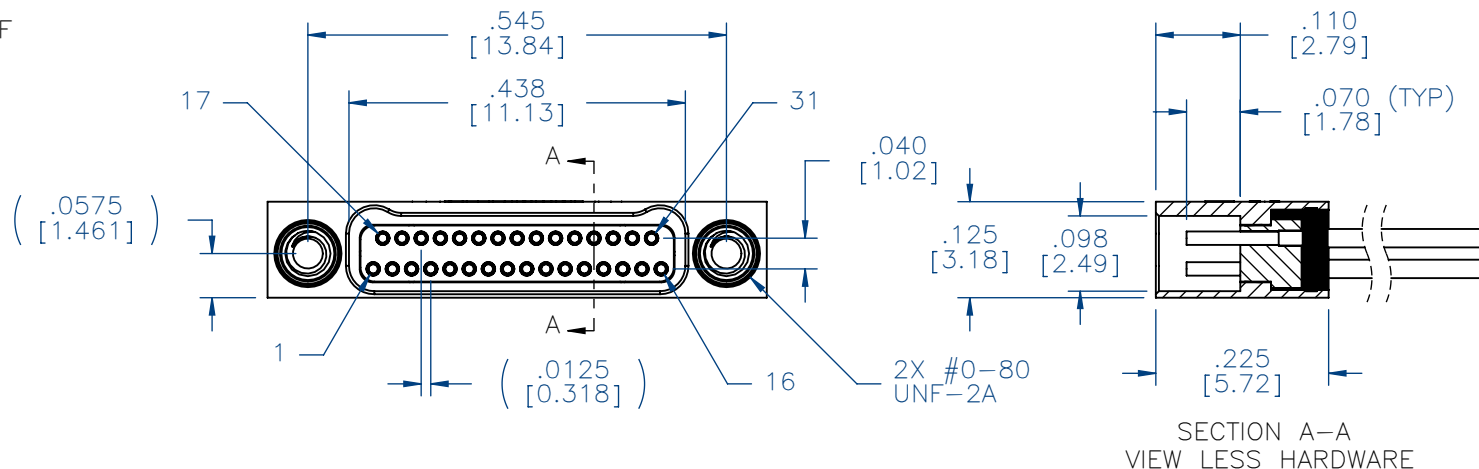
ACTUAL SIZE
EXCLUDING WIRE LENGTH



SOCKET #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16, 26	GREEN
7, 17, 27	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	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

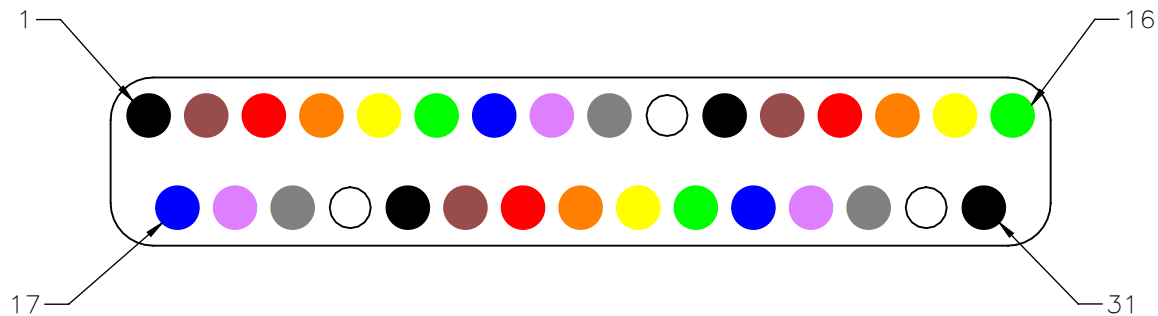
MNSO	THIRD ANGLE	
	-TOLERANCES-	
	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
2	PL DEC	± .01
3	PL DEC	± .005
4	PL DEC	± .0005
	ANGLES	± 1°

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DFTM. TLM	DATE	TITLE:	
CHK'D.	DATE	(31) SOCKET FEMALE	
APP'D.	DATE	Bi-Lobe® CONNECTOR	

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

CAGE CODE	61873
DWG NO.	A29036-131
SHEET 1 OF 2	REV A
SCALE: 4:1	

PART NO.	A29036-131	REV	ECO	DATE	APP
		A	98851	09-05-12	TLM



SOCKET #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16, 26	GREEN
7, 17, 27	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE

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— UNLESS OTHERWISE NOTED					DWG NO. A29036-131	
	DIMENSIONS IN INCHES	DFTM. TLM	DATE 08-22-12	TITLE: (31) SOCKET FEMALE		SHEET 2 OF 2	
	2 PL DEC±.01 3 PL DEC±.005 4 PL DEC±.0005 ANGLES ± 1°	CHK'D.	DATE	Bi-Lobe® CONNECTOR		SCALE: 12:1	
		APP'D.	DATE	-		REV A	