

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

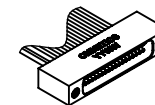
CONTACT RESISTANCE:

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

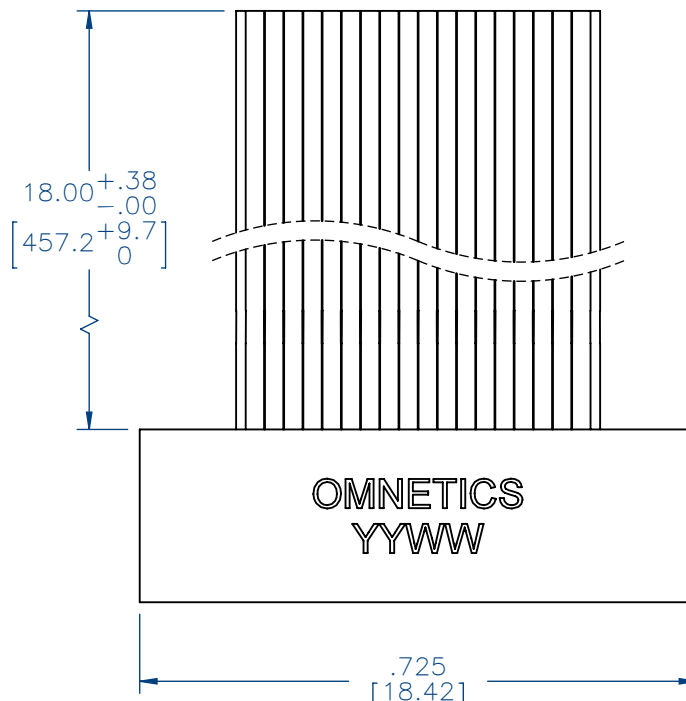
PERFORMANCE:

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

PART NO.	A29000-037	REV	ECO	DATE	APP
		G	96257	10-19-09	TLM



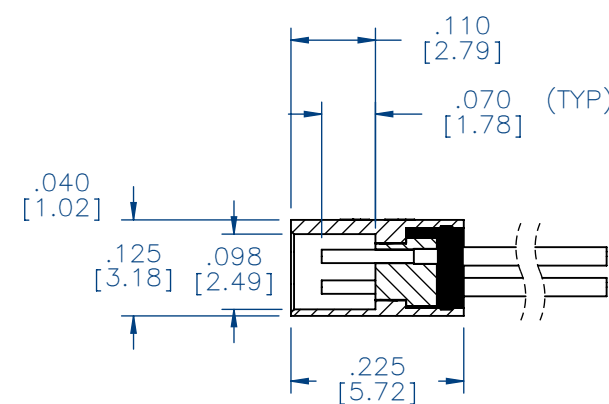
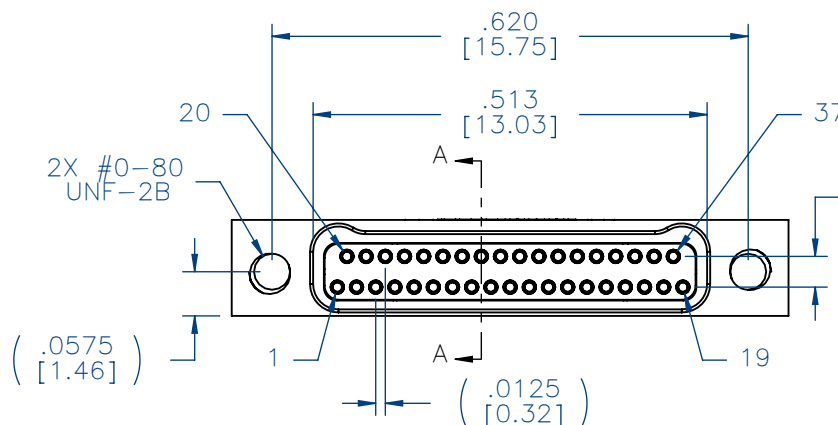
ACTUAL SIZE
EXCLUDING WIRE LENGTH



INTERNAL USE ONLY

SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

SOCKET #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22, 32	BROWN
3, 13, 23, 33	RED
4, 14, 24, 34	ORANGE
5, 15, 25, 35	YELLOW
6, 16, 26, 36	GREEN
7, 17, 27, 37	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE



SECTION A-A

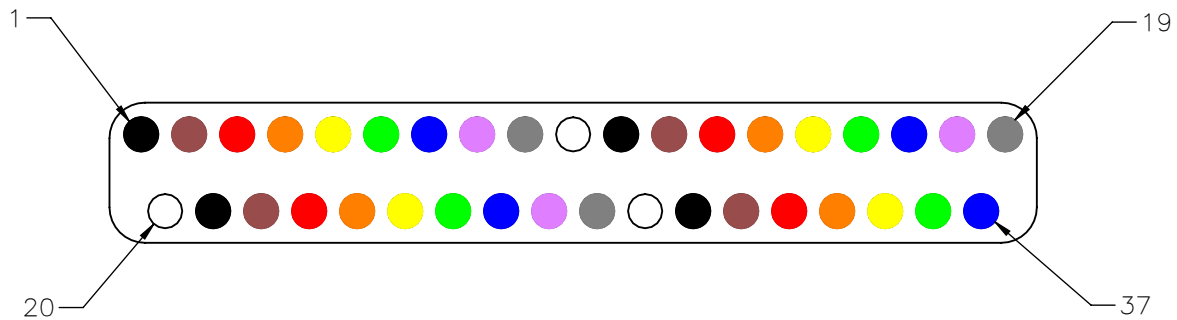
THIRD ANGLE	TOLERANCES
UNLESS OTHERWISE NOTED	
DIMENSIONS IN INCHES	
2 PL DEC $\pm .01$	
3 PL DEC $\pm .005$	
4 PL DEC $\pm .0005$	
ANGLES $\pm 1^\circ$	

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 05-07-04	TITLE: (37) SOCKET FEMALE BI-LOBE CONNECTOR
DFTM. AAS	DATE	
CHK'D.	DATE	
APP'D.	DATE	

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

CAGE CODE 61873	REV G
DWG NO. A29000-037	
SHEET 1 OF 2	
SCALE: 4:1	

PART NO.	A29000-037	REV	ECO	DATE	APP
		G	96257	10-19-09	TLM



SOCKET #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22, 32	BROWN
3, 13, 23, 33	RED
4, 14, 24, 34	ORANGE
5, 15, 25, 35	YELLOW
6, 16, 26, 36	GREEN
7, 17, 27, 37	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE

MNSO SLDW	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°

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.		
DFTM. AAS	DATE	TITLE: (37) SOCKET FEMALE BI-LOBE CONNECTOR —
CHK'D.	05-07-04	
APP'D.	DATE	
	DATE	

 OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	DWG NO. A29000-037	
	SHEET 2 OF 2	REV G
	SCALE: 10:1	