

# MATERIALS & SPECIFICATIONS

SPECIAL INSTRUCTIONS: NO	PART NO.	A29200-037	REV	ECO	DATE	APP
			J	111132	10-28-24	BAS

**HOUSING:**  
ALUMINUM 6061, NICKEL PLATE  
(500 MICROINCHES MINIMUM) PER  
SAE-AMS-2404

**INSULATOR:**  
LIQUID CRYSTAL POLYMER (LCP)  
PER ASTM D5138

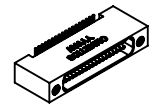
**CONTACTS:**  
COPPER ALLOY PER MIL-DTL-  
32139, GOLD PLATED PER ASTM  
B488, (HARD GOLD) TYPE II  
CODE C, CLASS 1.27

**TERMINATION:**  
SOLDER COATED WITH SN63A  
PER J-STD-006

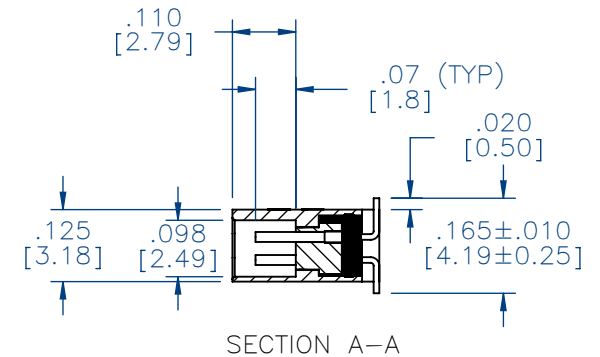
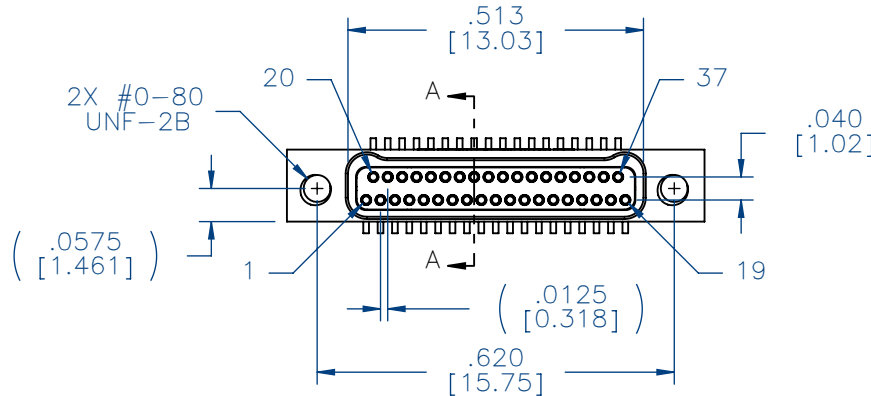
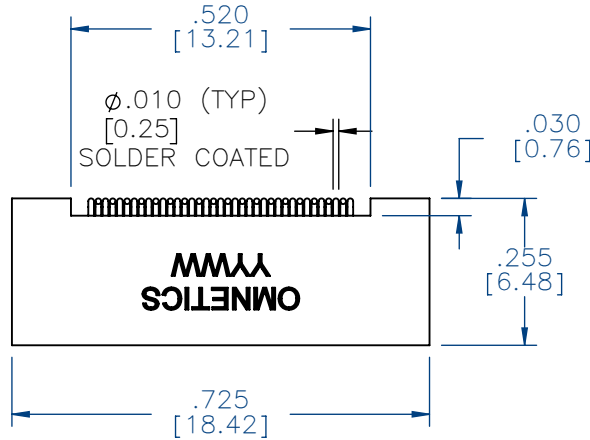
**CURRENT RATING:**  
1 AMP MAX PER MIL-DTL-32139

**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



**NOTES:**

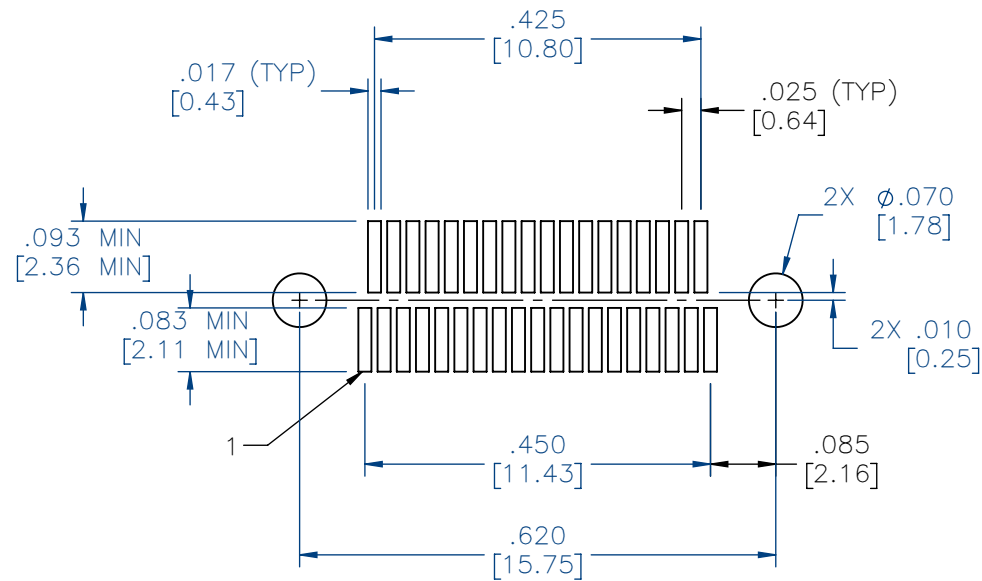
- DIMENSIONS IN [ ] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY

MGSW SLSW	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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TITLE:	(37) SOCKET FEMALE BI-LOBE® CONNECTOR
DFTM. AAS	
DATE	01-05-04

**OMNETICS**  
CONNECTOR CORPORATION  
8840 EVERGREEN BLVD.  
MINNEAPOLIS, MN 55433  
WWW.OMNETICS.COM

DWG NO.	CAGE CODE <b>61873</b>
<b>A29200-037</b>	
SHEET 1 OF 2	SCALE: 3:1
	REV J



SUGGESTED PAD LAYOUT

MNSO SLDW	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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SHEET 2 OF 2	SCALE: 4:1	REV J