

# MATERIALS & SPECIFICATIONS

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

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

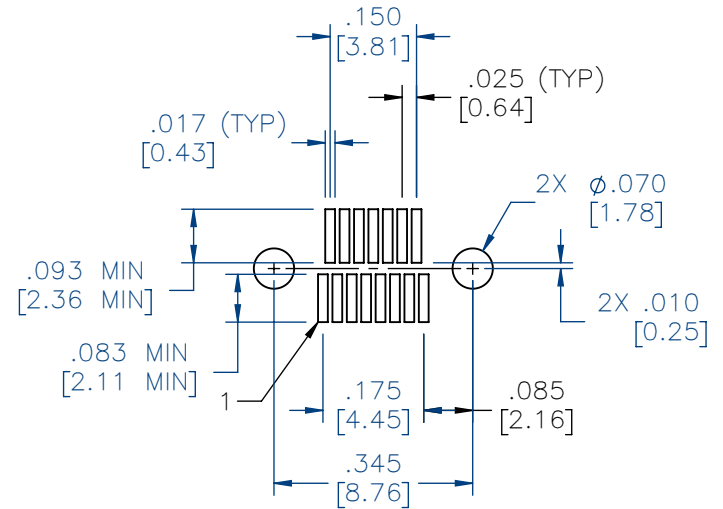
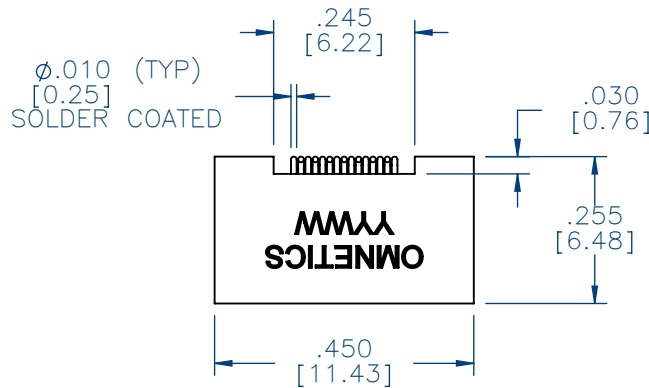
**CONTACTS:**  
COPPER ALLOY PER MIL-DTL-  
32139, GOLD PLATED PER ASTM  
B488, (HARD GOLD) TYPE II  
CODE C, CLASS 1.27

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

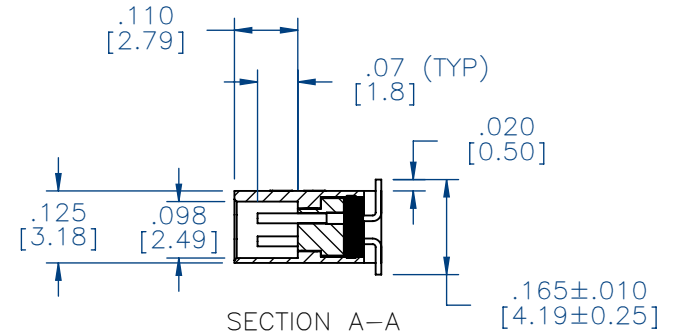
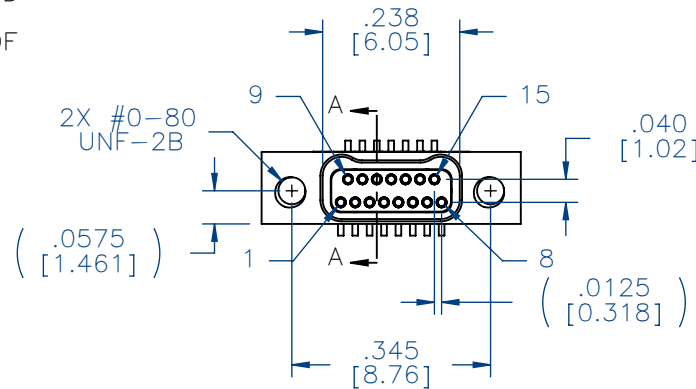
**CURRENT RATING:**  
1 AMP MAX PER MIL-DTL-32139

**CONTACT RESISTANCE:**  
71 MILLIOHM MAX (71mV DROP  
MAX) @ 1.0 AMPS PER MIL-  
DTL-32139

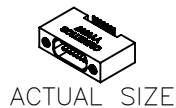
**PERFORMANCE:**  
PRODUCT FAMILY TESTED TO AND  
PASSED THE PERFORMANCE  
SPECIFICATIONS OF TABLE VIII OF  
MIL-DTL-32139



SUGGESTED PAD LAYOUT



SECTION A-A



**NOTES:**

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

MGT/SLDW	THIRD ANGLE $\phi$ $\triangleleft$
	-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:	(15) SOCKET FEMALE BI-LOBE® CONNECTOR
DFTM. AAS	
DATE	05-10-04

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SHEET 1 OF 1	SCALE: 3:1
	REV J