

# MATERIALS & SPECIFICATIONS

PART NO.	A55100-005	REV	ECO	DATE	APP
		E	100478	04-21-14	TLM

HOUSING:  
ALUMINUM 6061-T6, NICKEL  
PLATE PER SAE-AMS-2404

INSULATOR:  
THERMOPLASTIC PER MIL-DTL-  
32139

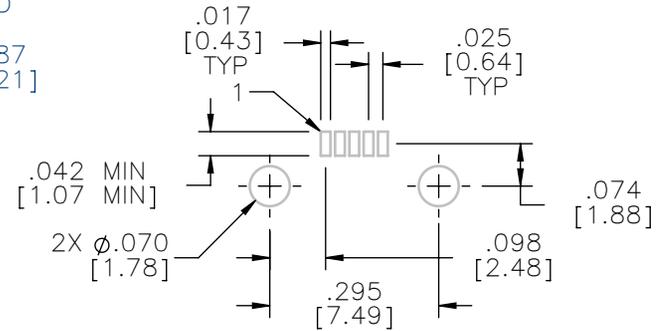
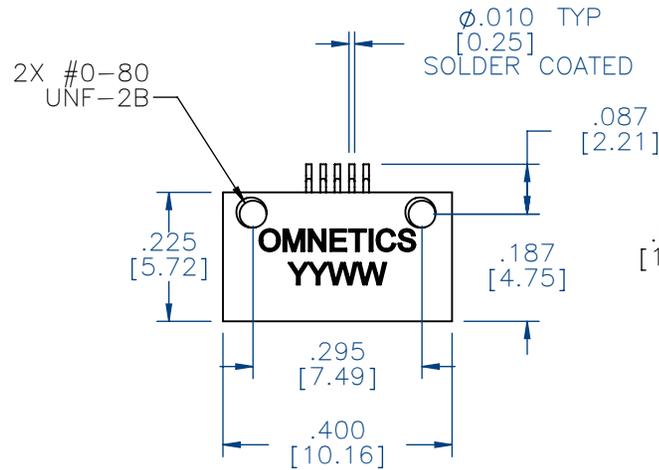
CONTACTS:  
COPPER ALLOY PER MIL-DTL-  
32139, GOLD PLATED PER ASTM  
B488, (HARD GOLD) TYPE II  
CODE C CLASS 1.27

TERMINATIONS:  
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

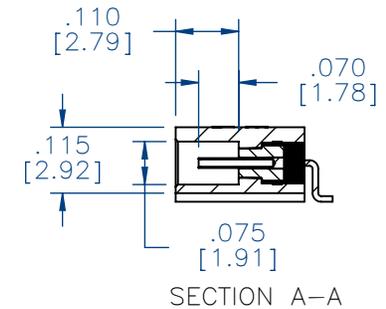
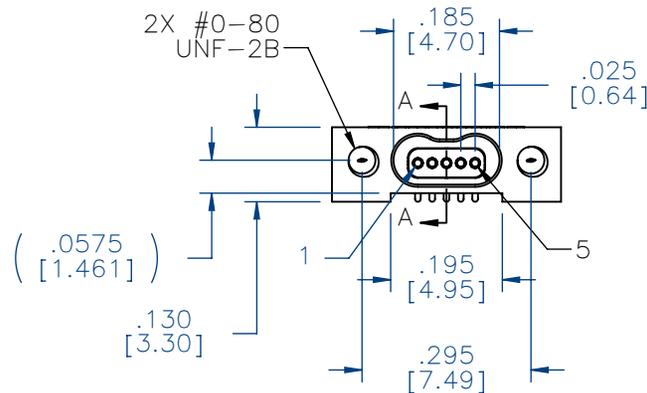
PERFORMANCE:  
PRODUCT FAMILY TESTED TO AND  
PASSED THE PERFORMANCE  
SPECIFICATIONS OF TABLE VIII OF  
MIL-DTL-32139



SUGGESTED PAD LAYOUT



ACTUAL SIZE



SECTION A-A

NOTE:

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

MBSS 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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DFTM. TLM	DATE 06-13-07
CHK'D.	DATE
APP'D.	DATE
TITLE: (5) SOCKET FEMALE Bi-Lobe® CONNECTOR	

**OMNETICS**  
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CAGE CODE 61873
DWG NO. A55100-005
SHEET 1 OF 1
SCALE: 3:1
REV E