

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 6061-T6, NICKEL
PLATE 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

TERMINATIONS:

SOLDER COATED WITH SN63A
PER J-STD-006

CURRENT RATING:

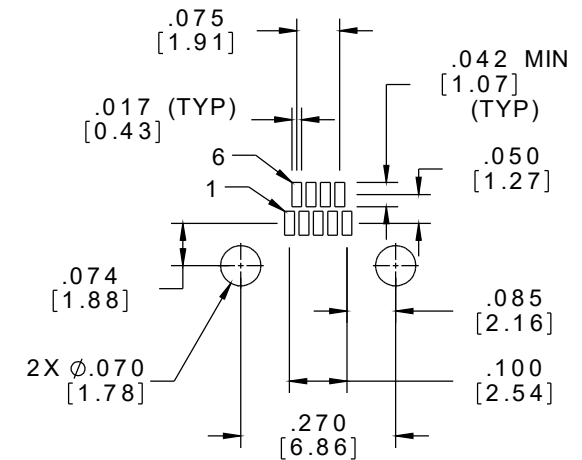
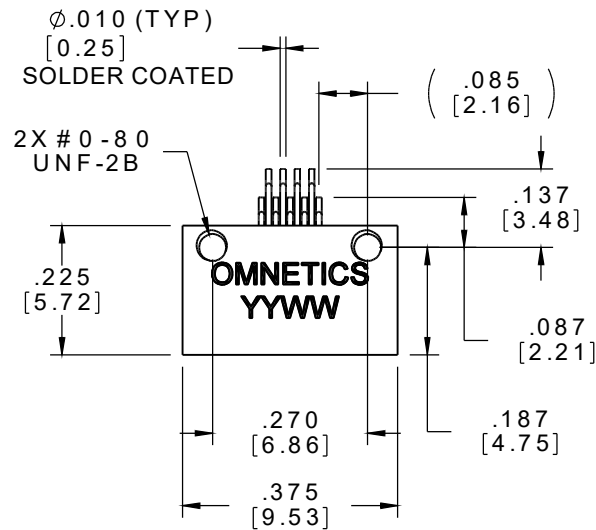
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

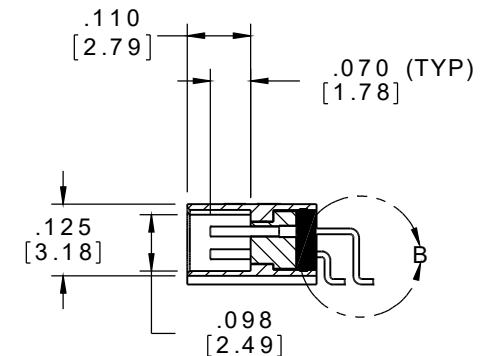
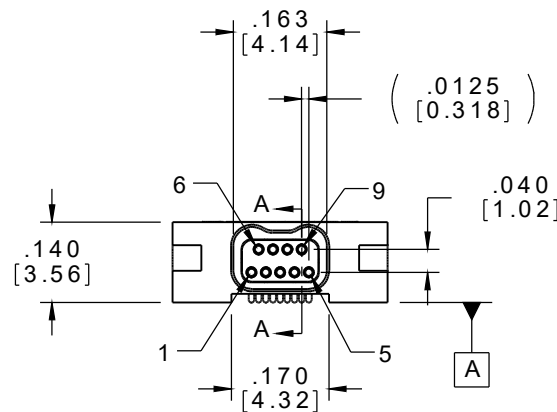
71 MILLIOHM MAX (71mV DROP
MAX) @ 1.0 AMPS PER MIL-
DTL-32139

PERFORMANCE:

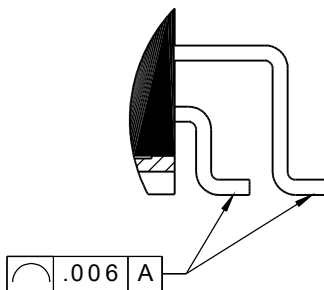
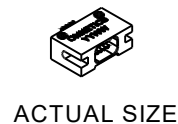
PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139



SUGGESTED PAD LAYOUT



SECTION A-A



DETAIL B
SCALE 8 : 1

NOTE:

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

MNSL 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	TITLE:	
CHK'D.	DATE	(9) SOCKET FEMALE	
APP'D.	DATE	LATCHING Bi-Lobe®	
		CONNECTOR	

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CAGE CODE 61873	
DWG NO. A29051-009	
SHEET 1 OF 1	REV B
SCALE: 3:1	