

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 6061-T6, NICKEL
PLATE PER AMS-C-26074.

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138.

CONTACT:

BERYLLIUM COPPER PER ASTM
B194, C17200, GOLD PLATED
PER ASTM B488, (HARD GOLD)
TYPE II CODE C, CLASS 1.27.

TERMINATION:

SOLDER COATED WITH SN63A PER
J-STD-006 OR AMS-P-81728.

CURRENT RATING:

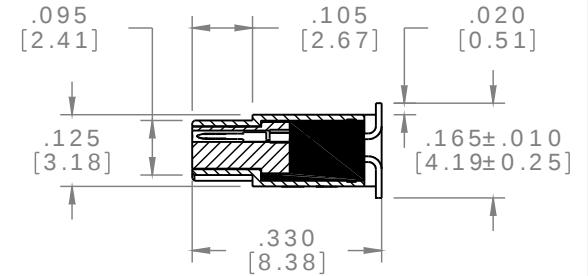
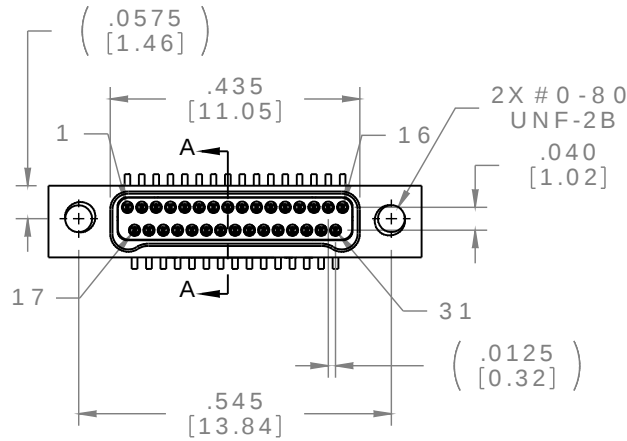
1 AMP MAX PER MIL-DTL-32139.

CONTACT RESISTANCE:

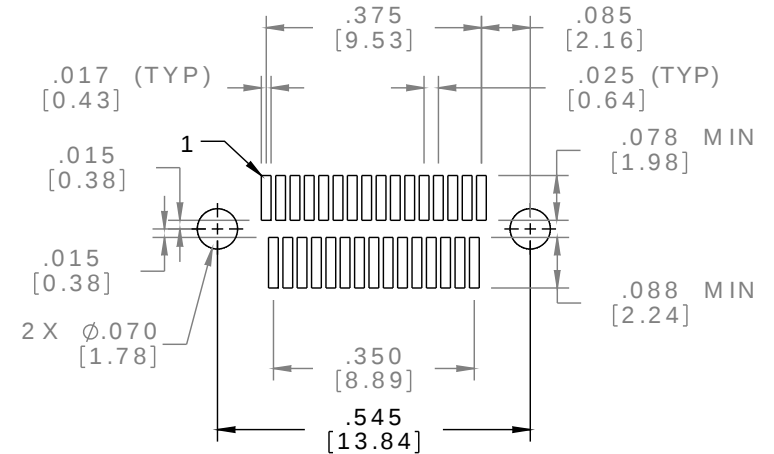
71 MILLIOHM MAX (71mV DROP
MAX) @ 1.0 AMPS PER MIL-DTL-
32139.

PERFORMANCE:

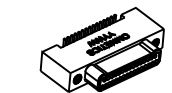
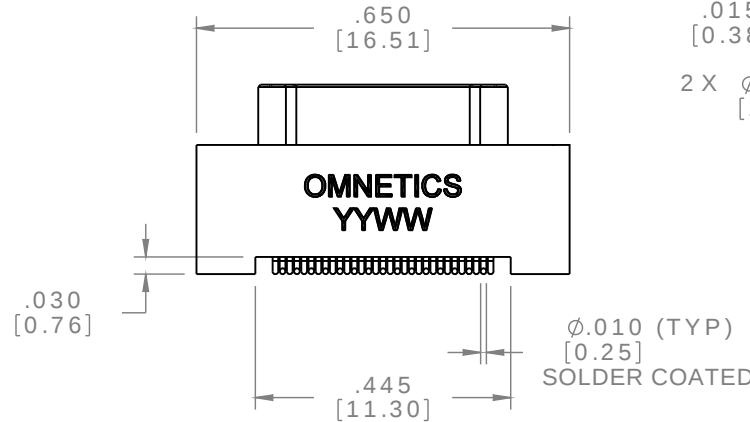
PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139.



SECTION A-A



SUGGESTED PAD LAYOUT



ACTUAL SIZE

NOTE:

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

MINPO 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. AAS	DATE	TITLE:	
CHK'D.	DATE	(31) PIN MALE	
APP'D.	DATE	Bi-Lobe® CONNECTOR	

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

CAGE CODE 61873	
DWG NO. A28200-031	
SHEET 1 OF 1	REV G
SCALE: 3:1	