

MATERIALS & SPECIFICATIONS

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

INSULATOR:
LIQUID CRYSTAL POLYMER
(LCP) PER ASTM D5138

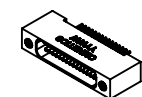
CONTACTS:
COPPER ALLOY PER MIL-DTL-
32139, GOLD PLATED PER
ASTM B488, (HARD GOLD)
TYPE II CODE C, CLASS 1.27

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

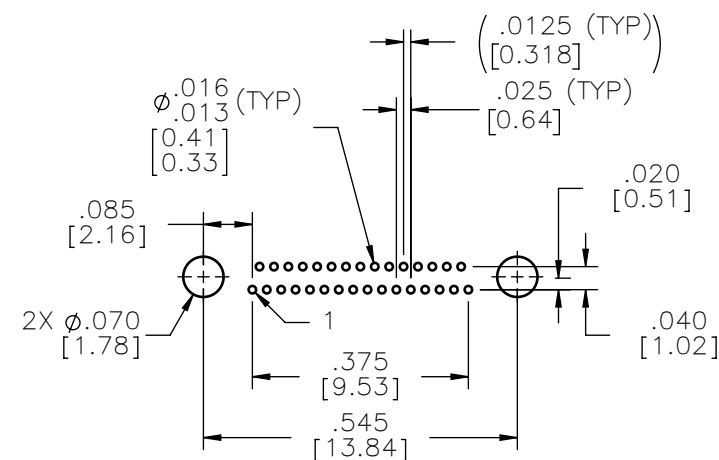
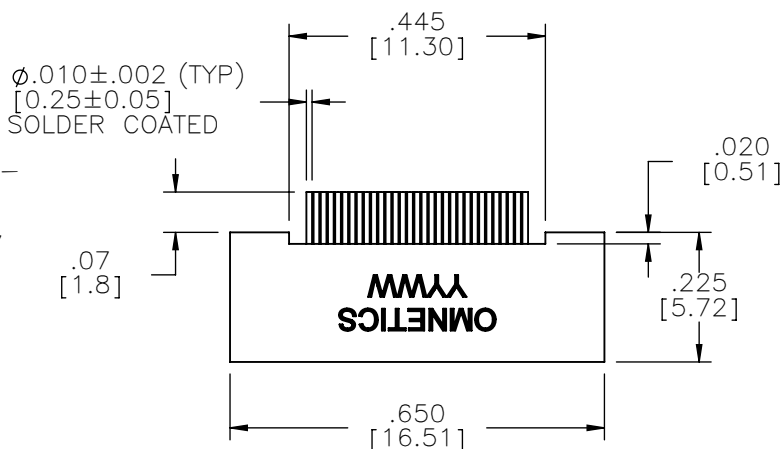
CURRENT RATING:
1 AMP MAX PER MIL-DTL-
32139

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

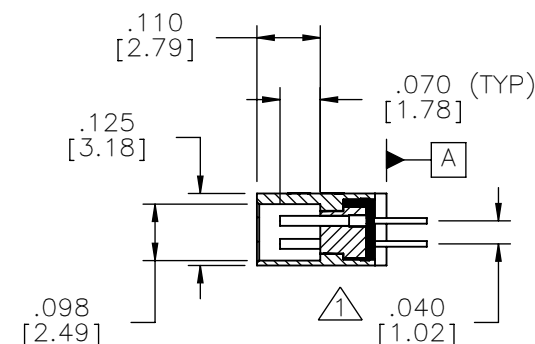
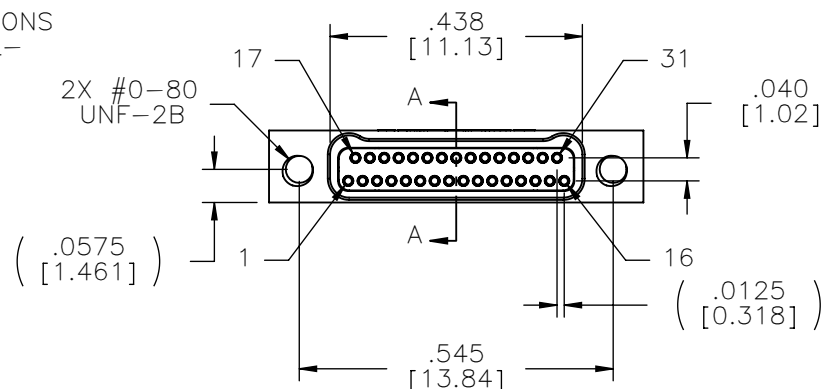
PERFORMANCE:
PRODUCT FAMILY TESTED TO
AND PASSED THE
PERFORMANCE SPECIFICATIONS
OF TABLE VIII OF MIL-DTL-
32139



ACTUAL SIZE



SUGGESTED HOLE PATTERN



SECTION A-A

NOTES:

① TAIL DIMENSIONS APPLY
AT PLANE A

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

MNSO	THIRD ANGLE	
	-TOLERANCES-	
SLDW	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 05-10-04
CHK'D.	DATE
APP'D.	DATE

TITLE:
(31) SOCKET FEMALE
Bi-Lobe® CONNECTOR

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

CAGE CODE 61873	
DWG NO. A29500-031	
SHEET 1 OF 1	REV J
SCALE: 3:1	