

MATERIALS & SPECIFICATIONS

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

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

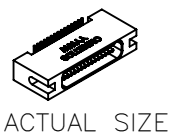
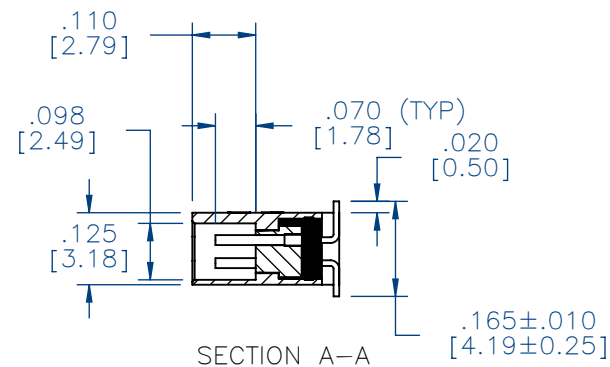
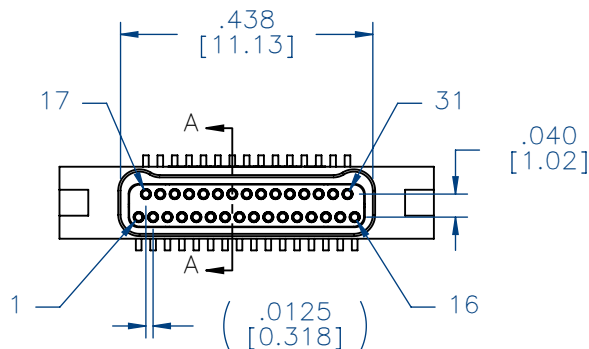
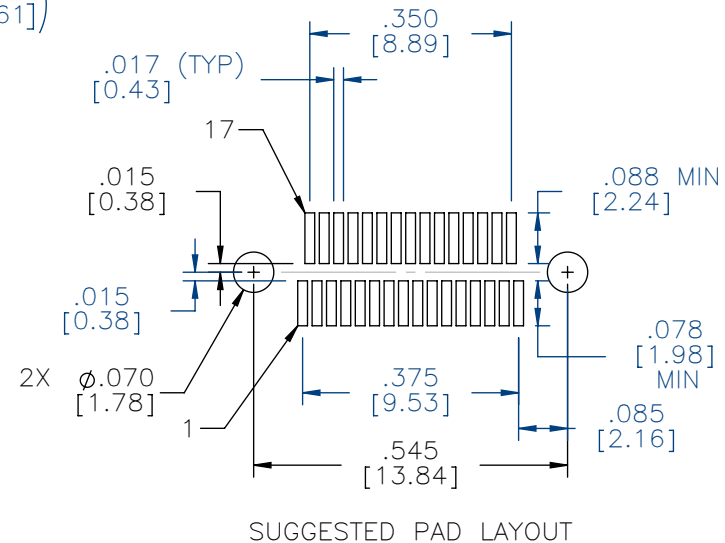
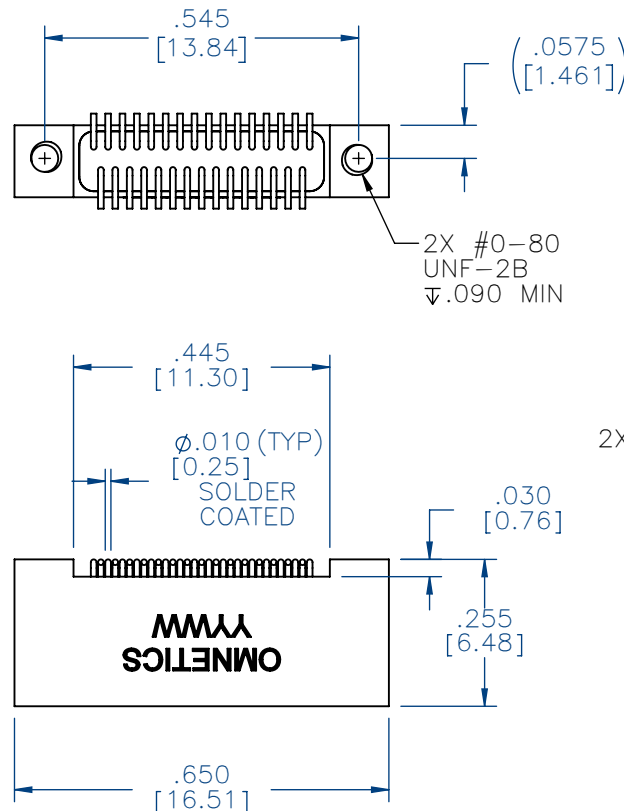
CONTACTS:
COPPER ALLOY PER MIL-DTL-
32139, GOLD PLATED PER ASTM
B488, (HARD GOLD) TYPE II
CODE C, CLASS 1.27

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



NOTE:

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

MNSL	THIRD ANGLE	
	-TOLERANCES-	
	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
2	PL DEC	$\pm$.01
3	PL DEC	$\pm$.005
4	PL DEC	$\pm$.0005
	ANGLES $\pm$ 1°	

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DFTM. JPF	DATE	10-23-13	
CHK'D.	DATE		
APP'D.	DATE		

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

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

CAGE CODE 61873	
DWG NO. A29052-031	
SHEET 1 OF 1	REV B
SCALE: 3:1	