

MATERIALS & SPECIFICATIONS

HOUSING:

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

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

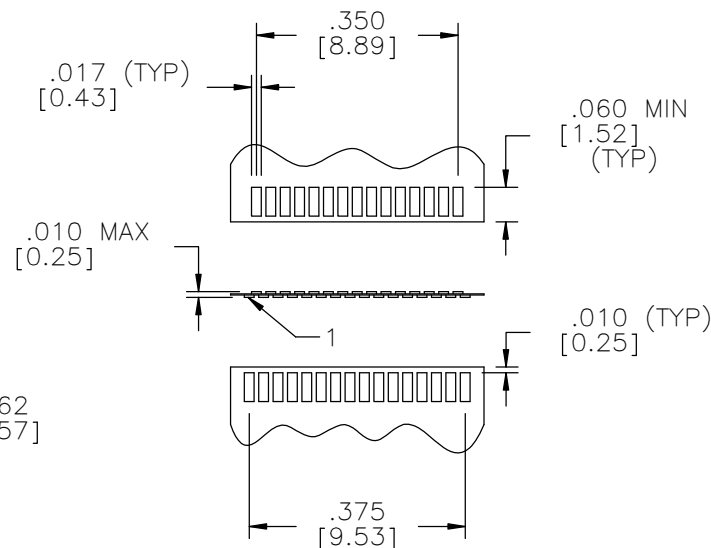
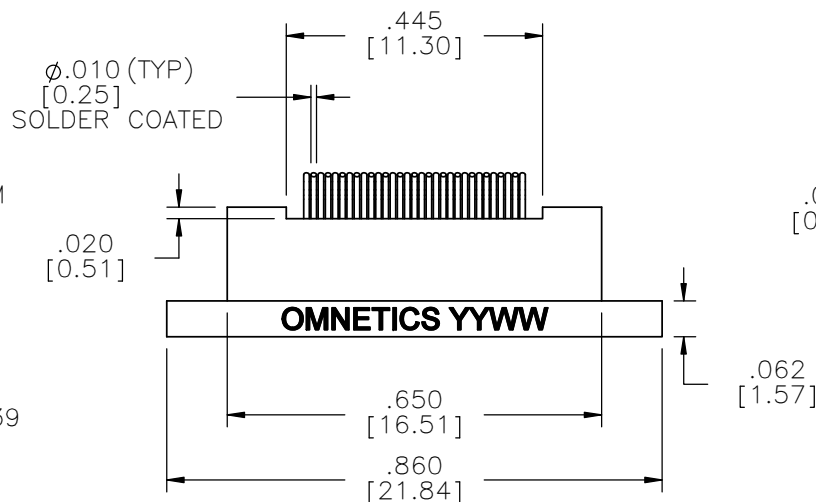
CONTACT RESISTANCE:

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

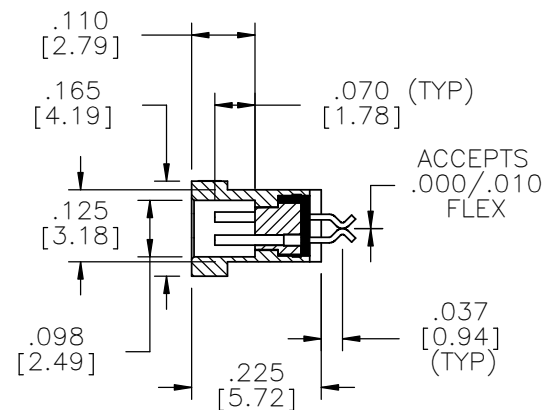
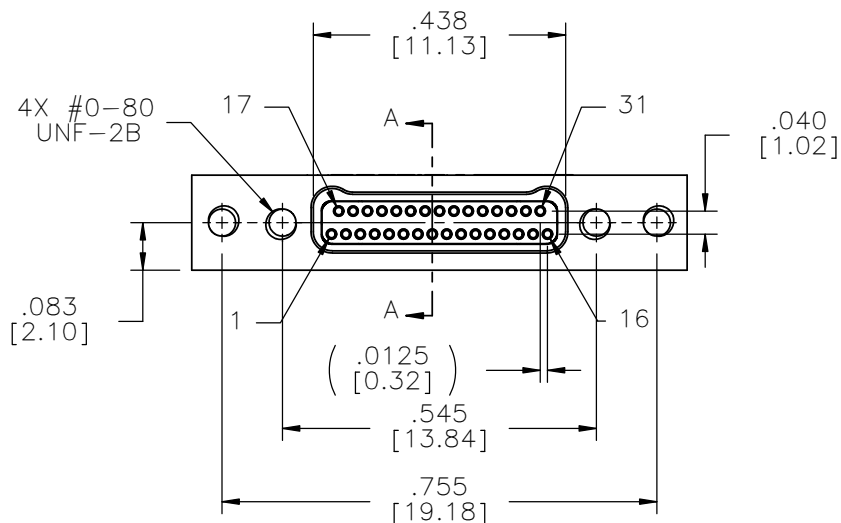
PERFORMANCE:

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

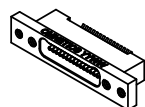
PART NO.	A29800-031	REV	ECO	DATE	APP
		F	96632	04-06-10	TLM



SUGGESTED PAD LAYOUT



SECTION A-A



ACTUAL SIZE

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 05-14-04
CHK'D.	DATE
APP'D.	DATE

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

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CONNECTOR CORPORATION
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WWW.OMNETICS.COM

CAGE CODE 61873	
DWG NO. A29800-031	
SHEET 1 OF 1	REV F
SCALE: 3:1	