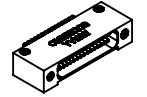
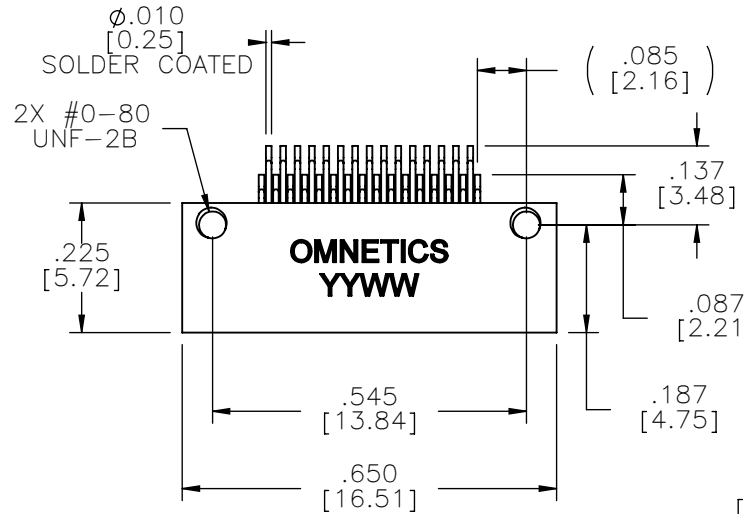


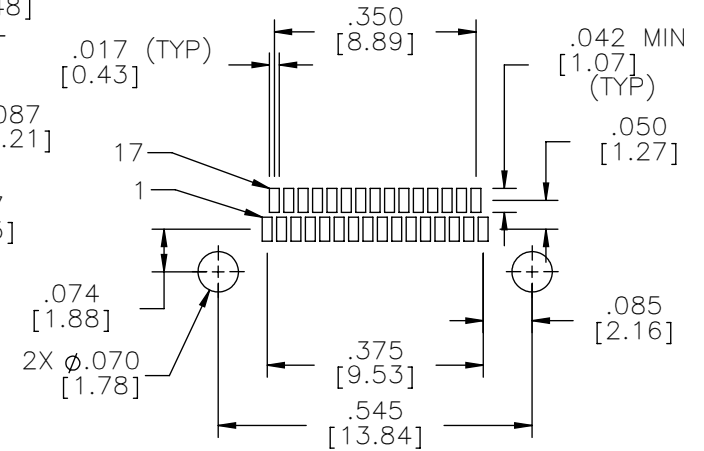
MATERIALS & SPECIFICATIONS

PART NO.	A29100-031	REV	ECO	DATE	APP
		K	102551	05-03-16	TLM

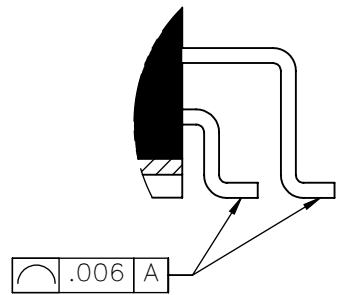
- HOUSING:**
ALUMINUM 6061-T6, NICKEL PLATE PER SAE-AMS-2404
- INSULATOR:**
LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138
- CONTACTS:**
COPPER ALLOY PER MIL-DTL-32139, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C CLASS 1.27
- TERMINATIONS:**
SOLDER COATED WITH SN63A PER J-STD-006
- CURRENT RATING:**
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



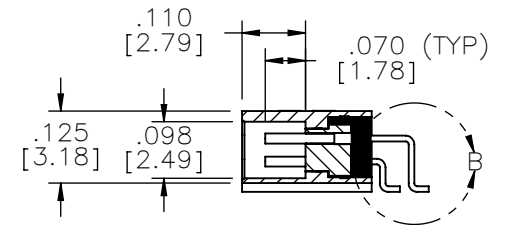
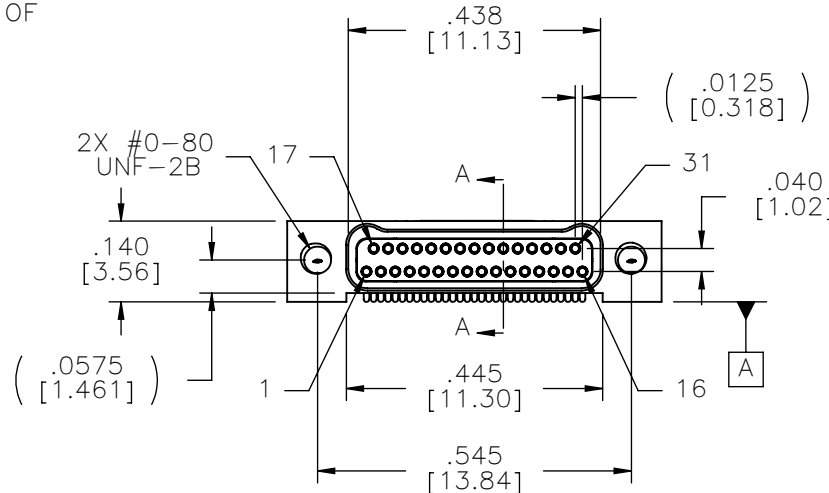
ACTUAL SIZE



SUGGESTED PAD LAYOUT



DETAIL B
SCALE 8 : 1



SECTION A-A

NOTE:

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

MCTCS	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	05-10-04
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.	A29100-031
SHEET 1 OF 1	REV K
SCALE:	3:1