

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

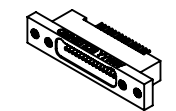
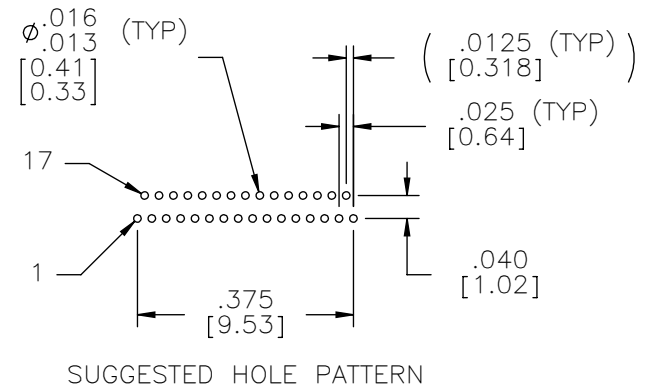
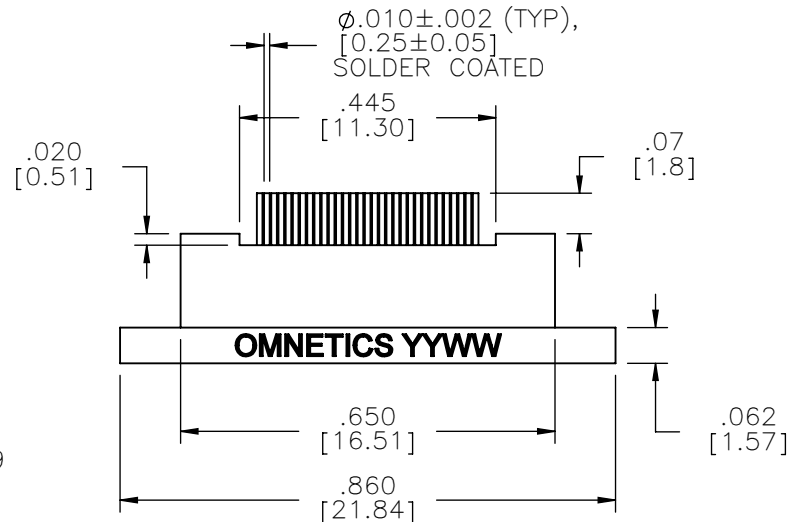
CONTACT RESISTANCE:

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

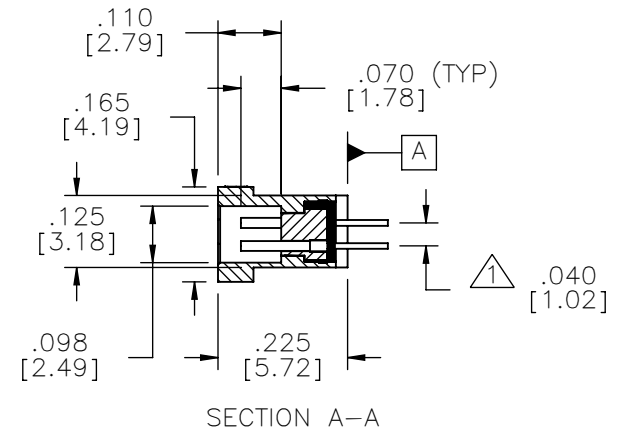
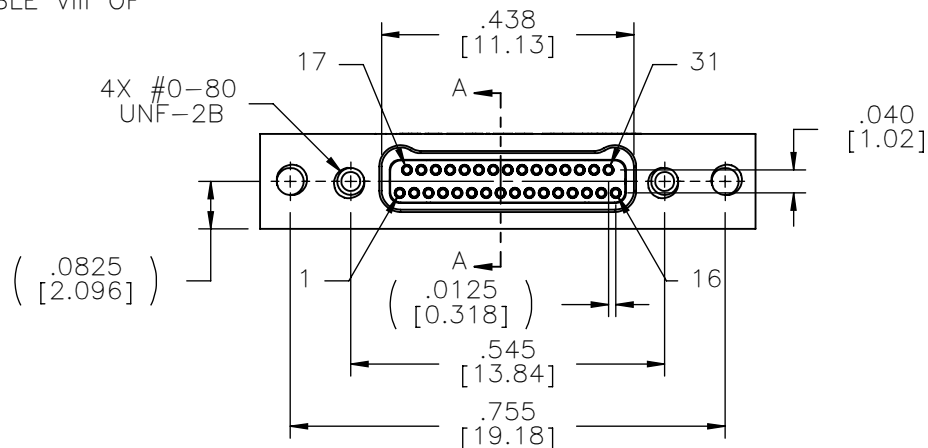
PERFORMANCE:

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

PART NO.	A29900-031	REV	ECO	DATE	APP
		K	102608	05-20-16	TLM



ACTUAL SIZE



NOTES:

1 TAIL DIMENSIONS APPLY
AT PLANE A

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

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 $\pm 1^\circ$	

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DFTM. AAS	DATE 05-17-04
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. A29900-031
SHEET 1 OF 1	REV K
SCALE: 3:1	