

MATERIALS & SPECIFICATIONS

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

INSULATOR:
LIQUID CRYSTAL
POLYMER (LCP) PER
ASTM D5138

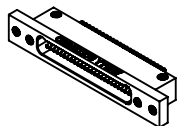
CONTACTS:
COPPER ALLOY PER
MIL-DTL-32139, GOLD
PLATED PER ASTM
B488, (HARD GOLD)
TYPE II CODE C, CLASS
1.27

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

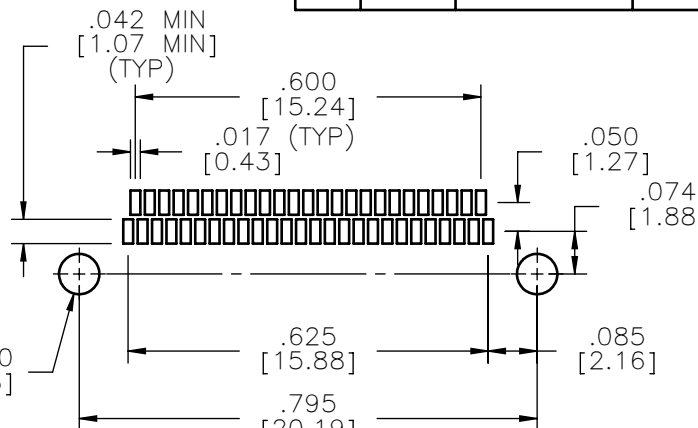
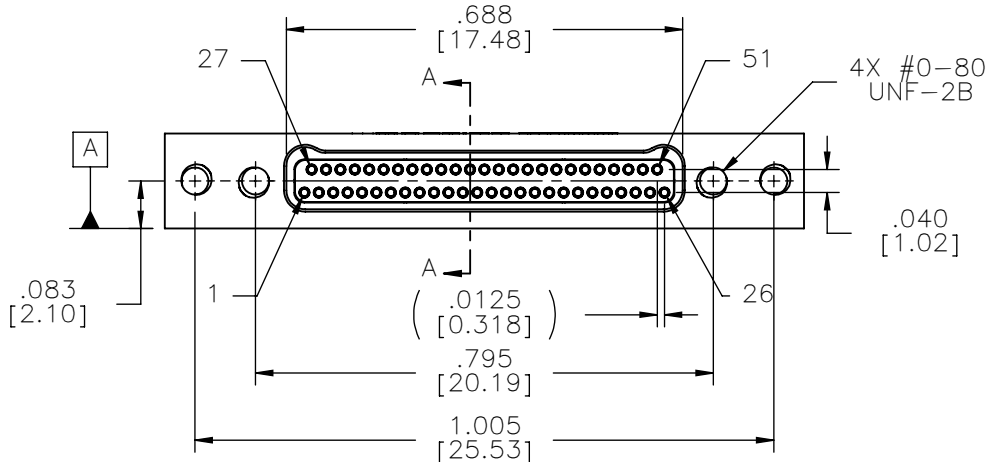
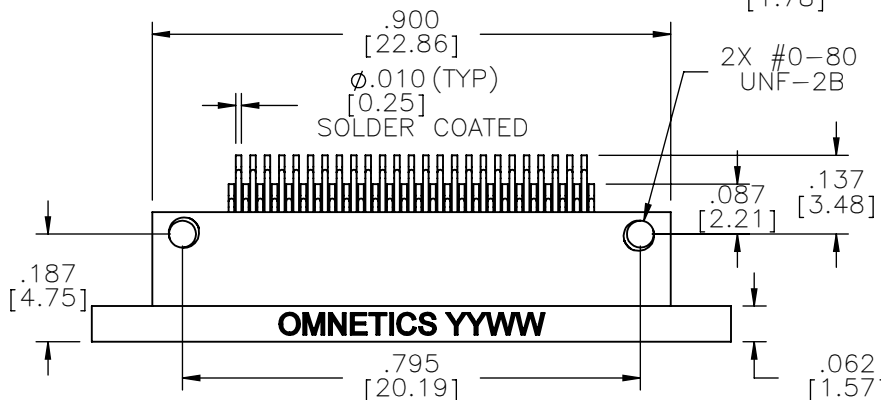
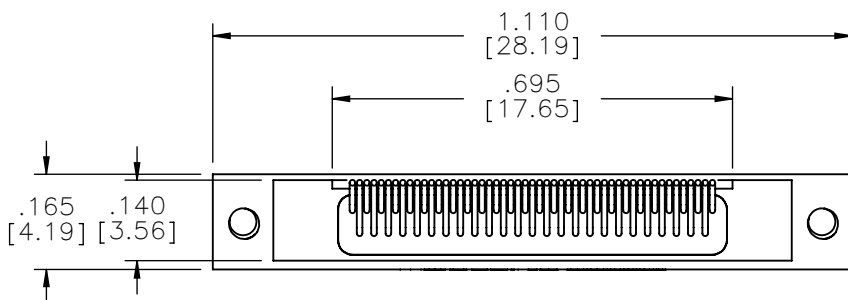
CURRENT RATING:
1 AMP MAX PER MIL-
DTL-32139

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

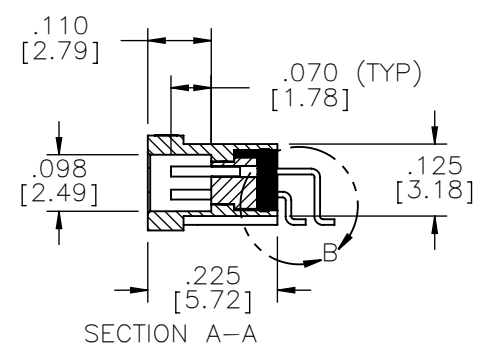
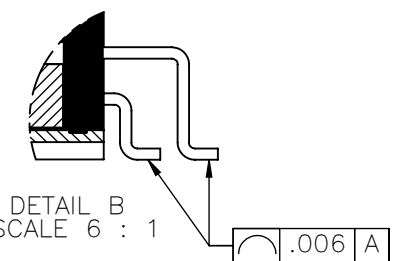
PERFORMANCE:
PRODUCT FAMILY
TESTED TO AND PASSED
THE PERFORMANCE
SPECIFICATIONS OF
TABLE VIII OF MIL-DTL-
32139



ACTUAL SIZE



SUGGESTED PAD LAYOUT



SECTION A-A

NOTE:

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

MNSOP SLDW	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: (51) SOCKET FEMALE
Bi-Lobe® CONNECTOR

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

CAGE CODE 61873
DWG NO. A29700-051
SHEET 1 OF 1
SCALE: 3:1
REV J

PART NO. A29700-051	REV J	ECO 102565	DATE 05-09-16	APP TLM
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