

MATERIALS & SPECIFICATIONS

PART NO.	A29300-051	REV	ECO	DATE	APP
		J	102617	06-02-16	TLM

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

INSULATOR:
LIQUID CRYSTAL POLYMER
(LCP) PER ASTM D5138

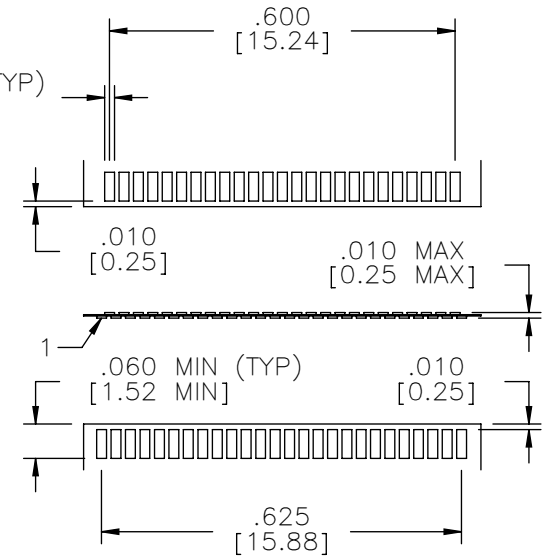
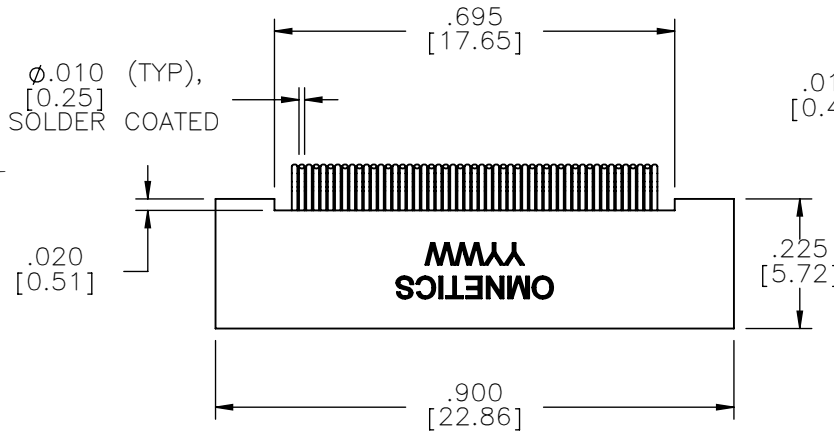
CONTACTS:
COPPER ALLOY PER MIL-DTL-
32139, GOLD PLATED PER
ASTM B488, (HARD GOLD)
TYPE II CODE C, CLASS 1.27

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

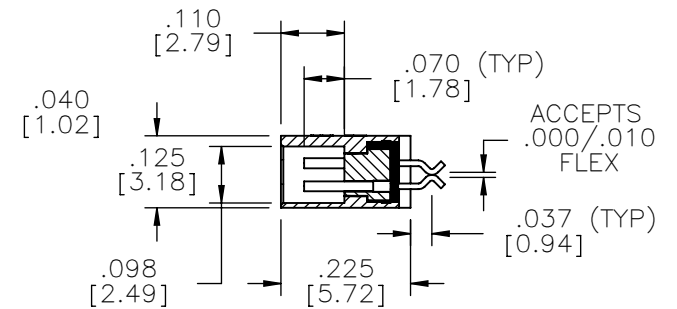
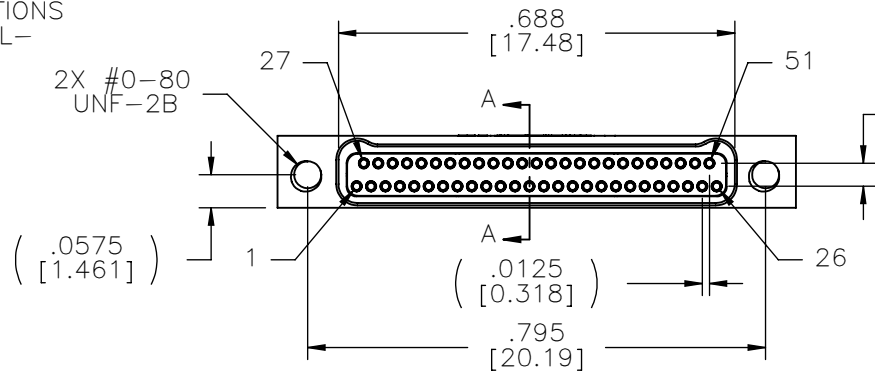
CURRENT RATING:
1 AMP MAX PER MIL-DTL-
32139

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

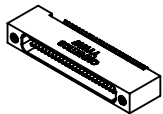
PERFORMANCE:
PRODUCT FAMILY TESTED TO
AND PASSED THE
PERFORMANCE SPECIFICATIONS
OF TABLE VIII OF MIL-DTL-
32139



SUGGESTED PAD LAYOUT



SECTION A-A



ACTUAL SIZE

NOTE:

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

MATERIALS	THIRD ANGLE
	- TOLERANCES -
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
METHODS	2 PL DEC ± .01
	3 PL DEC ± .005
	4 PL DEC ± .0005
	ANGLES ± 1°

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DFTM. AAS	DATE
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. A29300-051
SHEET 1 OF 1
SCALE: 3:1
REV J