PART NO.	A29500-051	REV	ECO	DATE	APP
		J	102606	05-19-16	TLM

MATERIALS & SPECIFICATIONS

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

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

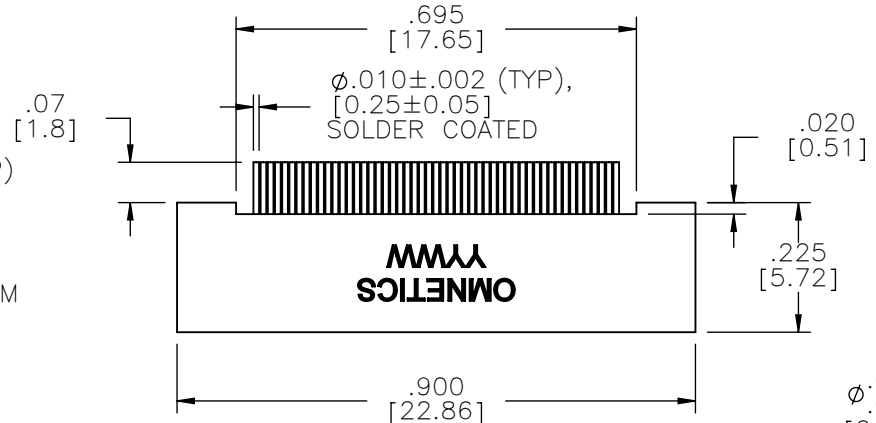
CONTACTS:
COPPER ALLOY PER MIL-DTL-32139, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C, CLASS 1.27

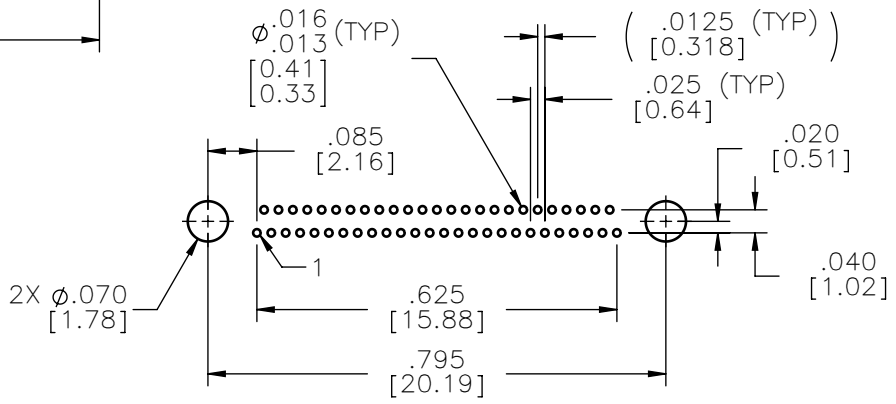
TERMINATION:
SOLDER COATED WITH SN63A PER J-STD-006

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

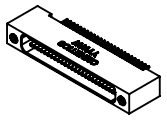
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER MIL-DTL-32139

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

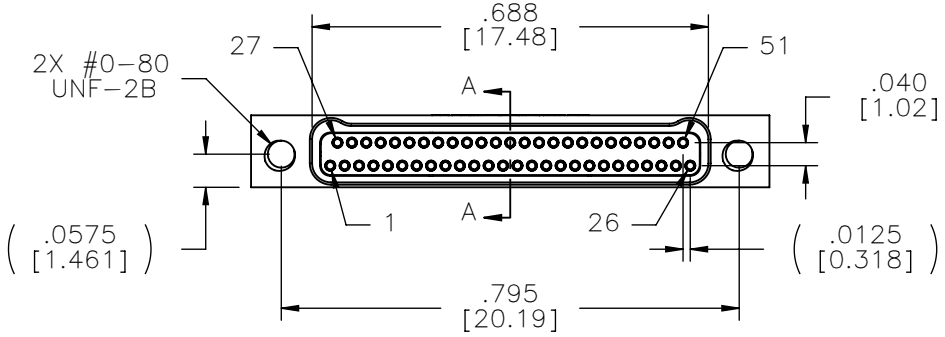


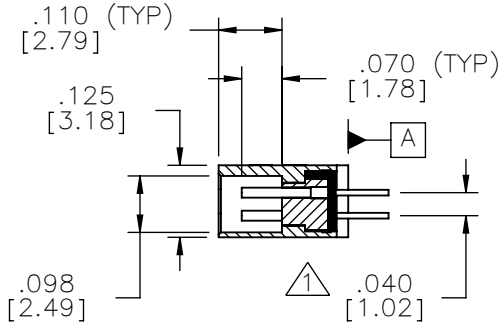


SUGGESTED HOLE PATTERN



ACTUAL SIZE





SECTION A-A

NOTES:

1. TAIL DIMENSIONS APPLY AT PLANE [A]

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

MNSO / SLDW	THIRD ANGLE -TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES 2 PL DEC± .01 3 PL DEC± .005 4 PL DEC± .0005 ANGLES ± 1°	THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.	DFTM. AAS DATE 05-10-04 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.	A29500-051
SHEET 1 OF 1	REV J
SCALE: 3:1	