

# MATERIALS & SPECIFICATIONS

PART NO.	A55200-021	REV	ECO	DATE	APP
		E	102600	05-18-16	TLM

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

INSULATOR:  
THERMOPLASTIC PER MIL-  
DTL-32139

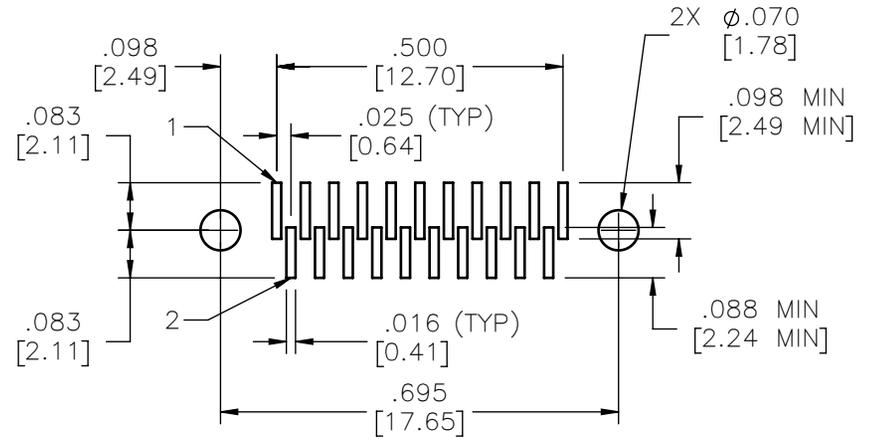
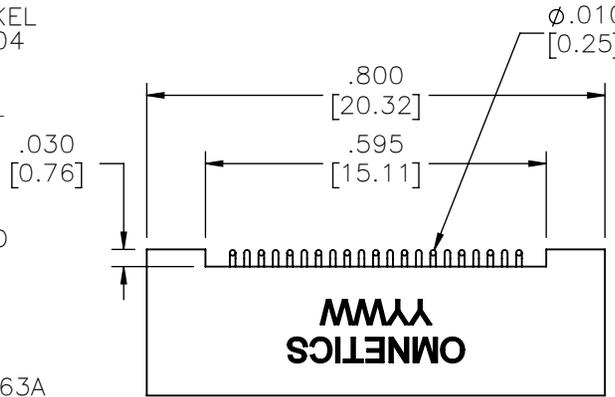
CONTACT:  
COPPER ALLOY PER MIL-  
DTL-32139, GOLD PLATED  
PER ASTM B488, (HARD  
GOLD) TYPE II CODE C,  
CLASS 1.27

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

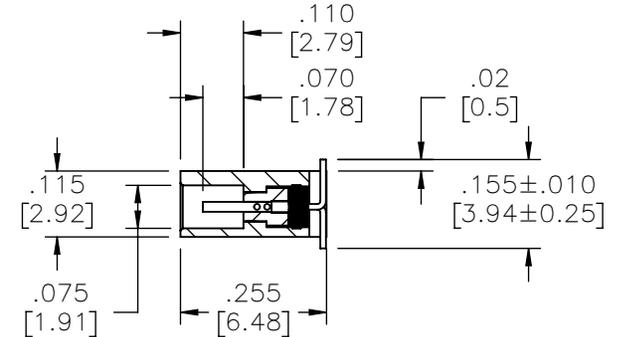
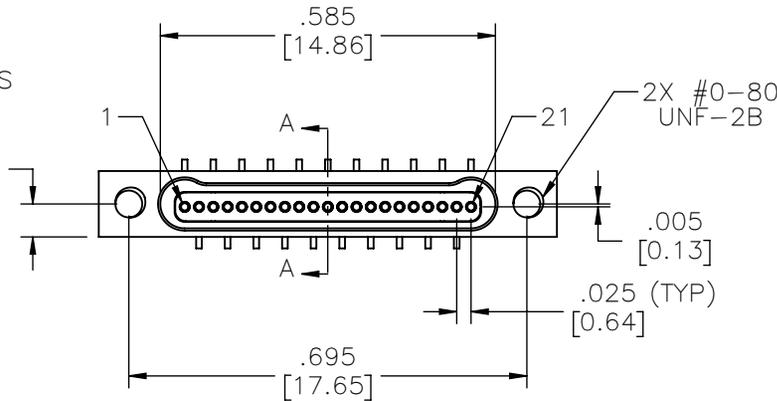
CURRENT RATING:  
1 AMP MAX PER MIL-DTL-  
32139

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

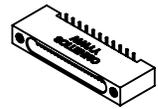
PERFORMANCE:  
PRODUCT FAMILY TESTED TO  
AND PASSED THE  
PERFORMANCE SPECIFICATIONS  
OF TABLE VIII OF MIL-DTL-  
32139



SUGGESTED PAD LAYOUT



SECTION A-A



ACTUAL SIZE

NOTE:

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

MBS SLDW	THIRD ANGLE $\phi$ $\nabla$
	-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. DGJ	DATE 10-13-11
CHK'D.	DATE
APP'D.	DATE
TITLE: (21) SOCKET FEMALE Bi-Lobe® CONNECTOR	

**OMNETICS**  
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MINNEAPOLIS, MN 55432  
WWW.OMNETICS.COM

CAGE CODE 61873
DWG NO. A55200-021
SHEET 1 OF 1
SCALE: 3:1
REV E