

NOTES:
1. DIMENSIONS IN [] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY

MBSS 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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TITLE:	(37) SOCKET FEMALE BI-LOBE CONNECTOR W/JACKSCREWS
DFTM. DWP	
DATE	11-09-22

OMNETICS
CONNECTOR CORPORATION
8840 EVERGREEN BLVD.
MINNEAPOLIS, MN 55433
WWW.OMNETICS.COM

DWG NO.	CAGE CODE 61873
A50018-137	
SHEET 1 OF 2	SCALE: 3:1
REV A	

MATERIALS & SPECIFICATIONS

PART NO.	A50018-137	REV	ECO	DATE	APP
		A	110654	4/17/24	TLM

HOUSING:
ALUMINUM 6061, NICKEL PLATE (500
MICROINCHES MINIMUM) PER SAE-AMS-
2404.

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER
ASTM 5138

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

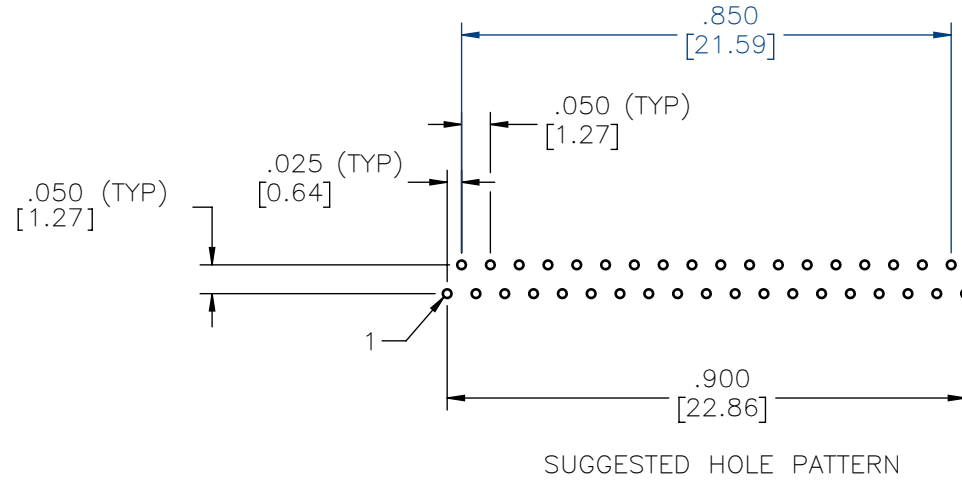
TERMINATION:
SOLDER COATED WITH SN63A PER J-
STD-006

HARDWARE:
303 STAINLESS STEEL PER ASTM A582

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.



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SLDW	UNLESS OTHERWISE NOTED
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	ANGLES ± 1°

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SHEET 2 OF 2	SCALE: 3:1
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