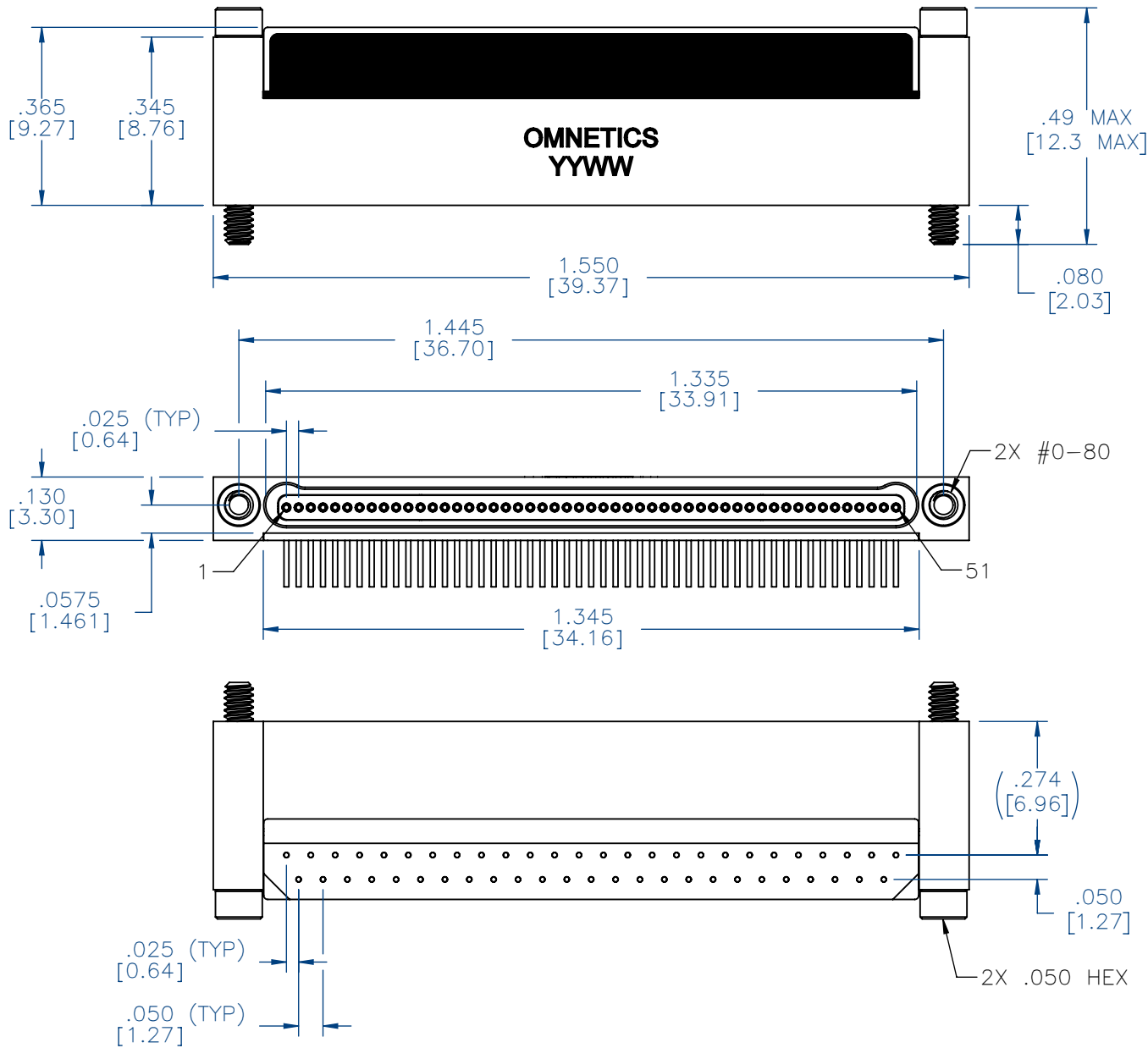


ACTUAL SIZE

NOTES:

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

MBS	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:
DFTM. DWP
DATE
11-09-22

(51) SOCKET FEMALE
BI-LOBE CONNECTOR
W/JACKSCREWS

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

DWG NO.	CAGE CODE	61873
		A50018-151
SHEET 1 OF 2	SCALE: 3:1	REV A

MATERIALS & SPECIFICATIONS

SPECIAL INSTRUCTIONS: NO	PART NO.	A50018-151	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

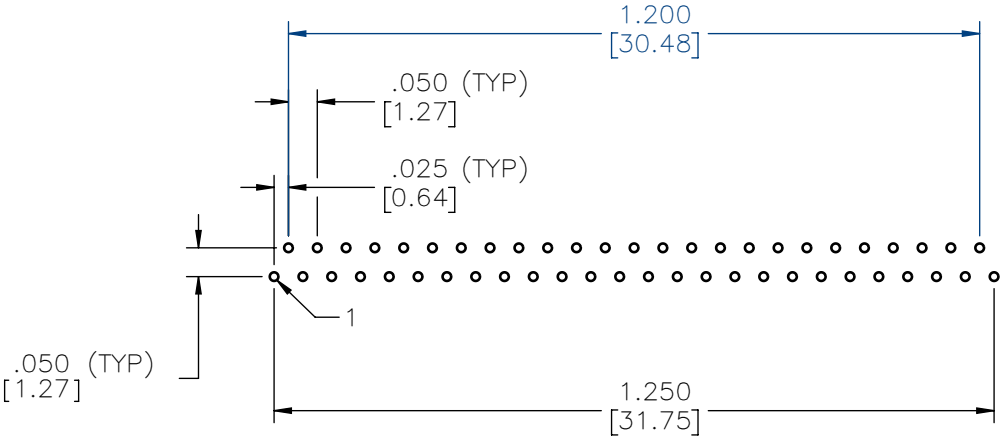
TERMINATION:
SOLDER COATED WITH SN63A PER J-
STD-006

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.



SUGGESTED HOLE PATTERN

MBSS SLDW	THIRD ANGLE 		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.				DWG NO.		CAGE CODE 61873	
	-TOLERANCES-		TITLE: (51) SOCKET FEMALE BI-LOBE CONNECTOR W/JACKSCREWS				A50018-151			
	UNLESS OTHERWISE NOTED									
	DIMENSIONS IN INCHES		DFTM. DWP		SHEET		SCALE: 3:1		REV A	
	2 PL DEC± .01		DATE		2 OF 2					
	3 PL DEC± .005		11-09-22							
	4 PL DEC± .0005									
	ANGLES ± 1°									
</										