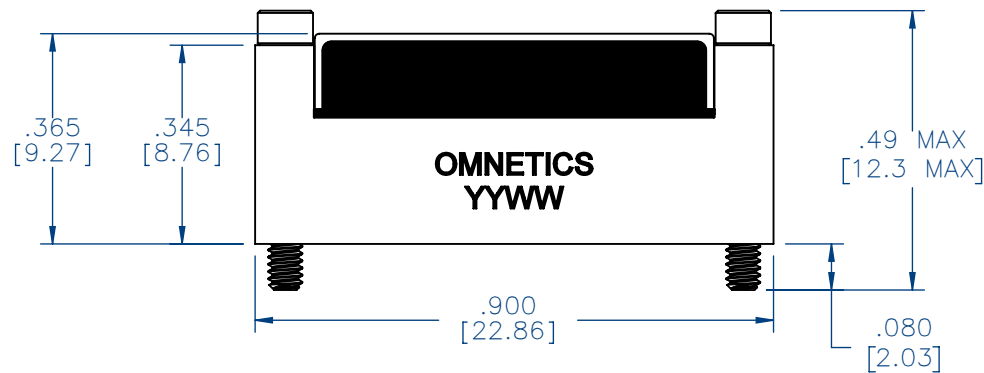
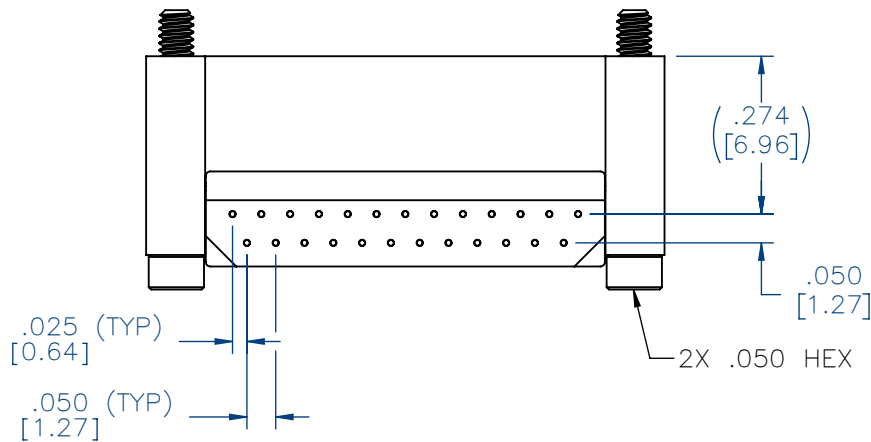
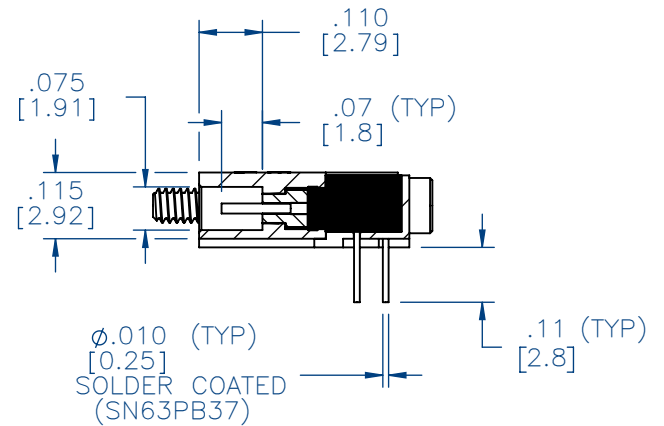
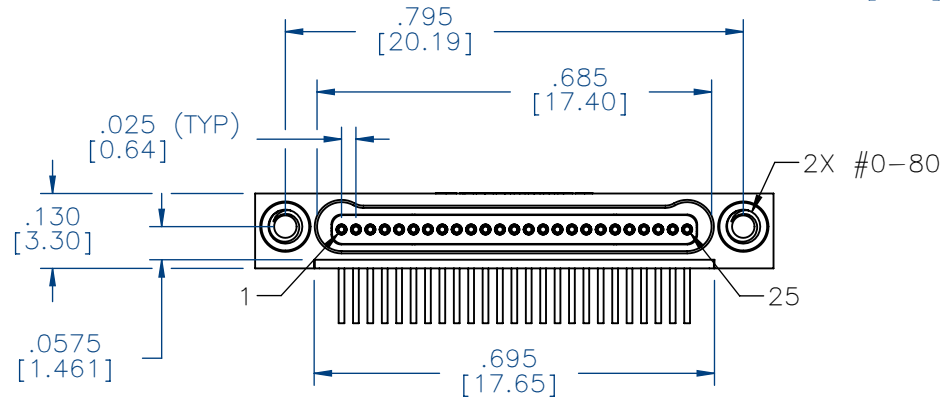


ACTUAL SIZE



NOTES:

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

MBSS	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:	(25) SOCKET FEMALE
DFTM. DWP	BI-LOBE CONNECTOR
DATE	W/JACKSCREWS
11-08-22	

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

DWG NO.	CAGE CODE	61873
	A50018-125	
SHEET	SCALE: 3:1	REV A
1 OF 2		

MATERIALS & SPECIFICATIONS

SPECIAL INSTRUCTIONS: NO	PART NO.	A50018-125	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

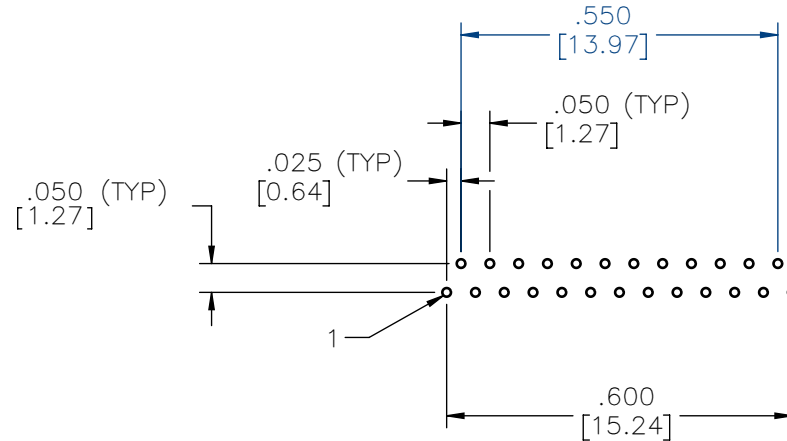
TERMINATION:
SOLDER COATED WITH SN63A PER J-STD-006

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.	OMNETICS CONNECTOR CORPORATION 8840 EVERGREEN BLVD. MINNEAPOLIS, MN 55433 WWW.OMNETICS.COM	DWG NO. CAGE CODE 61873	
	—TOLERANCES— UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES 2 PL DEC± .01 3 PL DEC± .005 4 PL DEC± .0005 ANGLES ± 1°			A50018-125	
	TITLE: DFTM. DWP DATE 11-08-22	(25) SOCKET FEMALE BI-LOBE CONNECTOR W/JACKSCREWS		SHEET 2 OF 2	SCALE: 3:1 REV A