

NOTES: UNLESS OTHERWISE SPECIFIED

1. THE FINISHED PRINTED WIRING BOARD SHALL MEET THE REQUIREMENTS OF IPC-A-600 (LATEST REVISION).
2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. ALL MODIFICATIONS ARE TO BE PERFORMED TO THE ORIGINAL DATABASE ON FILE.
3. THIS IS A REDUCED DIMENSION DRAWING. ADDITIONAL DIMENSIONS NEEDED TO DEFINE THE TRUE PROFILES OF THIS PART SHALL BE OBTAINED FROM THE MASTER CAD MODEL DATABASE NAMED 20019303_A-CAM.ZIP. DIMENSIONS AND TOLERANCES SHALL BE INTERPRETED PER ASME Y14.5M.
- 4

MATERIAL: 1 OZ COPPER CLAD, SINGLE SIDED, 1.5 mm THICK EPOXY/WOVEN GLASS LAMINATE PER IPC-4101/L 26-1500-C1/O
5. FABRICATE AND INSPECT PRINTED WIRING BOARD PER IPC-6012D, CLASS 2, TYPE 1.
- 6

APPLY SOLDER MASK, ITEM 3, TO TOP ONLY, OVER BARE COPPER, COMPONENT PADS TO BE FREE FROM BLEEDING OR MISREGISTRATION.
7. AFTER APPLICATION OF SOLDER MASK, PLATE ALL EXPOSED COPPER WITH HASL.
- 8

LEGEND OVER SOLDER MASK ON TOP SIDE OF PWB ONLY USING WHITE EPOXY INK, ITEM 4. LEGEND MARKING SHALL NOT BE NEARER THAN 0.127 mm TO ANY PAD. CHARACTER HEIGHT SHALL BE 0.75 mm MINIMUM.
9. ELECTRICAL TEST: CONTINUITY SHORT AND OPEN TESTING ON ALL AVAILABLE EXPOSED TERMINAL PADS USING IPC-D-356A NETLIST DATA. CONTINUITY TEST SHALL BE AT 5 OHMS MAX. SHORTS TESTING SHALL BE PERFORMED AT 250V. MINIMUM ISOLATION OF 100M OHMS.
10. MAXIMUM BOW AND TWIST SHALL NOT EXCEED 0.75%.

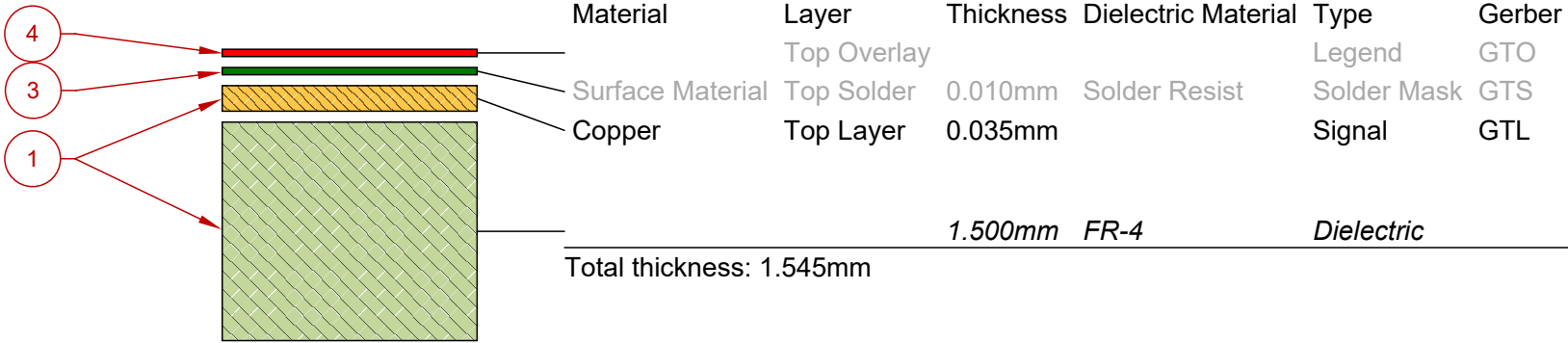
REVISION HISTORY					
REV	DESCRIPTION	CAT	DWN	ENGR	SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES.
A	----- INITIAL RELEASE -----	II	-	-	

	AR	4			ETHONE 50-100R CATALYST 9	INK, WHITE EPOXY	IPC-4781	<div>8</div>
	AR	3			PROBIMER 52 OR TAIYO PSR-4000	SOLDERMASK, LPI	IPC-SM-840 CL A	<div>6</div>
	AR	1				GLASS BASE EPOXY RESIN CU CLAD 1 OZ	IPC-4101/26	<div>4</div>
	-1	ITEM NO	REFDES	DAI	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE
	QTY REQD							
PARTS LIST								
					CONTRACT NO	JET PROPULSION LABORATORY		
						CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA, CA 91109		
					DWN	D. PALMER	TITLE	
					ENGR	D. PALMER		
					SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES		PRINTED WIRING BOARD, SNUBBER HALL SENSOR BOARD	
	20019304	TMT				SIZE	DAI	DWG NO
	NEXT ASSEMBLY	USED ON				B	23835	20019303
	APPLICATION					REV	A	
						SCALE:	2/1	UNCLASSIFIED
						SHEET	1	OF 4

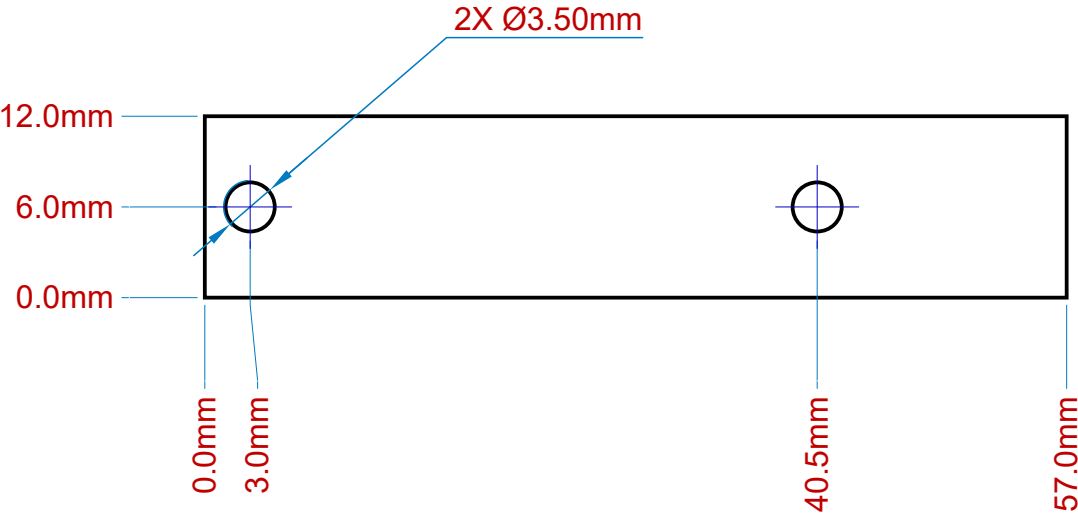
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DO NOT SCALE DRAWING
INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5 2009
INTERPRET DWG PER ASME Y14.100

Layer Stack Legend



MECHANICAL DIMENSIONS (Scale 2:1)



SEE SHEET 1 FOR EXPORT COMPLIANCE STATEMENT AND/OR PROPRIETARY INFORMATION		SIZE B	DAI 23835	DWG NO 20019303	REV A
SCALE:	2/1	UNCLASSIFIED		SHEET 3 OF 4	

Drill Drawing View (Scale 2:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
□	2	3.50mm	Non-Plated	+/-0.05mm
	2 Total			