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	1. FABRICATE PCB IAW IPC-4101 AND IPC-6012 USING CUSTOM A. ALL SPECIFICATIONS TO BE TO THE LATEST STANDARDS. B. INTERPRET ALL IPC SPECIFICATIONS AS CLASS 2. C. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-1. D. POSITIVE ETCHBACK IS REQURIED. E. BLUE SOLDERMASK IS DESIRED, GREEN IS AN ACCEPTABLE AI	2009 AND/OR IPC-D-325.								
1	2. TOLERANCES: A. FABRICATE FINISHED BOARD IAW IPC-A-600 AND UL 796(F). B. HOLE LOCATION TOLERANCE \$\phi\$.005" CENTER-TO-CENTER OF THE C. HOLE DIA. TOLERANCE: +/003" DRILL FOR VIAS, +/003" D. ARTWORK REGISTRATION FRONT TO BACK TO BE +/0.005" E062" MAXIMUM RADIUS ON ANY INSIDE CORNERS IF REQUIR F. REMOVE ALL BURRS AND BREAK SHARP EDGES .016" MAX. (N. G. THE FILE XXXXXXXXX.GM2 IS THE BOARD PROFILE FOR THE NC. F. H. BOW AND TWIST SHALL NOT EXCEED 0.5% OF THE DIAGONA	FOR PTH, +/002" FOR NPTH  ED.  NON-FLEX ONLY)  ROUTER.								
	3. MATERIALS: LAYER STACK VIEW THICKNESS +/- 10%. A. MATERIAL SHALL BE ISOLA FR-408HR OR EQUIVALENT LAMIN. B. MATERIAL SHALL HAVE A FLAMMABILITY RATING OF UL 94V-C C. METAL THICKNESS: AS SPECIFIED IN LAYER STACK VIEW. D. PCB VENDOR MAY MODIFY PREPREG AND CORE THICKNESS		e shall not be alt	ERED.						
	4. FINISH TO BE ELECTROLESS NICKEL IMMERSION GOLD (ENIG)	. VENDOR MAY OPTIONALLY APPLY ROHS COMPLIANCE ICON.								
	5. PWB VENDOR SHALL NOT APPLY THEIR COMPANY LOGO. N	UMERICAL MARKINGS ARE PERMISSIBLE.								
	6. THEIVING: A. FABRICATOR MAY ADD THEIVING TO COMPENSATE FOR LOBORTH TO BOARD EDGE SPACING 100 MIL MINIMUM. C. THEIVING TO FIDUCIAL SPACING 200 MIL MINIMUM. D. THEIVING TO NON-PLATED THROUGH HOLES 200 MIL MINIMUM. E. THEIVING TO ALL OTHER FEATURES 10 MIL MINIMUM. F. NO THEIVING IS PERMITTED IN ANY AREA FREE OF SOLDERM	MUM.								
	7. ADDITIONAL NOTES IF APPLICIABLE: A. VIA IN PAD: FABRICATOR MAY OPTIONALLY APPLY NON-C B. FABRICATOR MAY OPTIONALLY FILL IN ALL NON VIA-IN-PAI									
		(IF SPECIFIED). VERIFICATION OF CHARACTERISTIC IMPEDANCE BY NANCE TOLERANCE IS ACCEPTABLE TO PROVIDE WIDER TRACE. TRAC						and diele	ECTRIC THICKNESS FOR ETCH	
2										
					UNLESS OTHERWISE SPECIFIED  DIMENSIONS ARE IN INCHES	DRAWN		DATE 2/12/2019	SIERRA LOBO, INC.	
					TOLERANCES: FRACTIONAL± ANGULAR: MACH± BEND ± TWO PLACE DECIMAL ±	CHECKED		TIT	TLE	
		THE INFORMATION CONTAINED THIS DRAWING IS THE SOLE PROPERTY OF SIERRA LOBO, INC ANY	IN		THREE PLACE DECIMAL ±  INTERPRET GEOMETRIC TOLERANCING PER:  MATERIAL	MFG APPR. Q.A. COMMENTS:			PWB FABRICATION CUBESAT BACKPLANE SIZE IDWG. NO.	1
		REPRODUCTION IN PART OR AS WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA LOBO,	A NEXT ASSY	USED ON	FINISH	$\dashv$				
		PROPRIETARY AND CONFIDENTIA		CATION	DO NOT SCALE DRAWING			S	CALE: 1:1 WEIGHT: SHEET 2 C	OF 2
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