NOTES: (UNLESS OTHERWISE SPECIFIED)

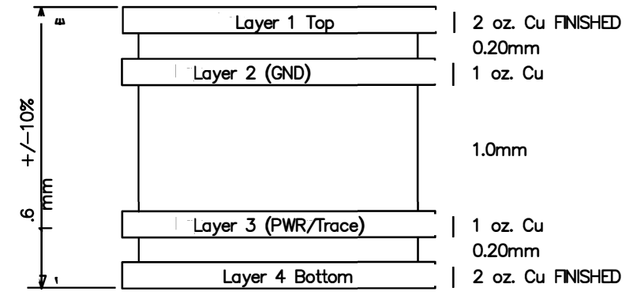
1. FABRICATE PCB WITH IPC-6011 AND IPC-6012, CLASS 2, USING CUSTOMER SUPPLIED DATA FILES.
2. DRAWING UNITS ARE IN MILLIMETERS.
3. MATERIALS:
   A) LAMINATE SHALL BE IN ACCORDANCE WITH IPC-4101/24 OR /26, LAMINATED SHEET UL94V-0, Tg RATING 170 DEG. C OR GREATER

   B) PREPREG SHALL BE IN ACCORDANCE WITH IPC-4101/24 OR /26, PREPREG (B-STAGE), UL94V-0, Tg RATING 170 DEG. C OR GREATER.

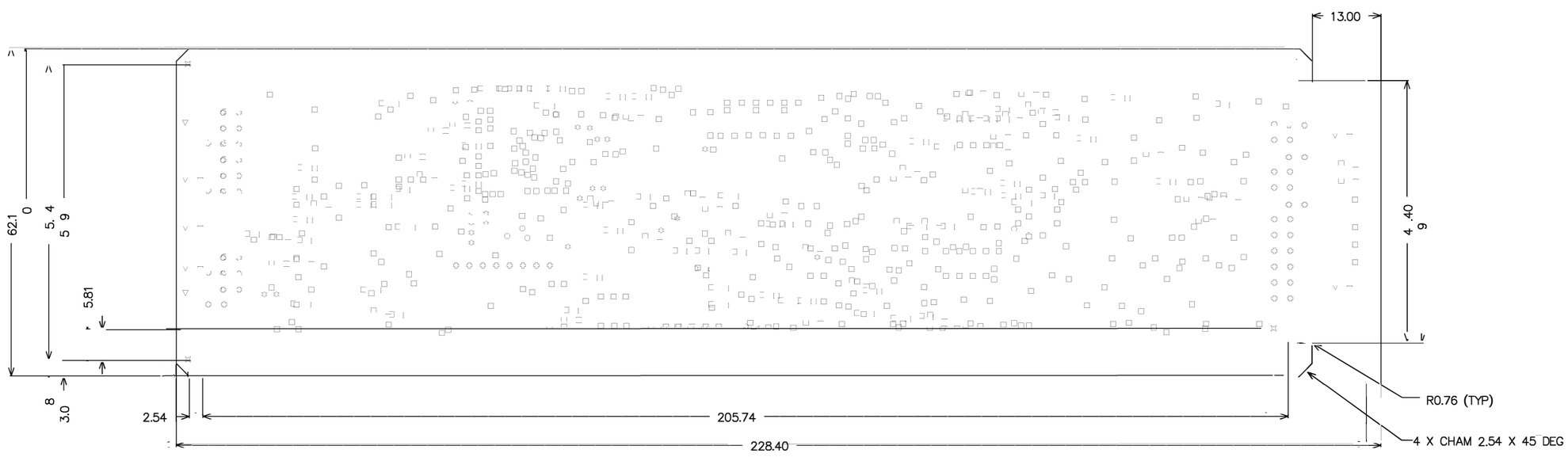
   REFER TO STACK-UP DETAIL FOR FINISHED COPPER FOIL WEIGHTS.
4. ALL HOLES SHALL BE LOCATED WITH IN 0.10 DIAMETER OF TRUE POSITION. LAYER TO LAYER REGISTRATION SHALL BE WITH IN 0.10.
5. FINISH: SMOBC/HASL 37% LEAD/63% TIN
   SOLDER MASK OVER BARE COPPER, BOTH SIDES, USING LPI MASK, COLOR: GREEN. MATTE FINISH.
6. APPLY SILKSCREEN TO BOTH SIDES USING NON-CONDUCTIVE INK, COLOR: WHITE.
7. 100% ELECTRICAL VERIFICATION USING CUSTOMER SUPPLIED IPC-D-356 NETLIST.

[R] 8. ALL MATERIALS AND COATINGS MUST COMPLY WITH EU DIRECTIVE 2000/53/EC (ELV DIRECTIVE).

[R] 9. THIS COMPONENT HAS BEEN DESIGNED TO COMPLY WITH A REGULATORY REQUIREMENT. CONTACT TESLA TYPE APPROVAL BEFORE UNDERTAKING DESIGN MODIFICATIONS. A COMPONENT WHICH EMBODIES ALL REQUIREMENTS STATED ON THIS DRAWING WILL COMPLY WITH THE REGULATORY REQUIREMENT.



Layer Stackup.
Not to scale.



Symbol	Hit Count	Tool Size	Plated	Hole Type
	21	0.4mm (15.748mil)	PTH	Round
	494	0.45mm (17.716mil)	PTH	Round
	5	0.508mm (20mil)	PTH	Round
	52	1mm (39.37mil)	PTH	Round
	7	3mm (118.11mil)	NPTH	Round
	3	3.25mm (127.953mil)	NPTH	Round
	582 Total			

Rev.	Description

ENGINEER:	TITLE: PCB, Battery Monitor	
PCB DESIGNER:		
DATE:	PART NO.:	REV:
FILE NAME:	DWG NO:	SCALE: 1