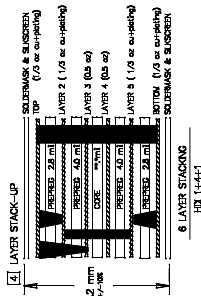


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1.0	EDITION ORIGINALE	2008-06-06	***

5 IMPEDANCE TABLE

LAYER	TRACE width	SPACING mm	IMPEDANCE Single end	IMPEDANCE Differential	TOLERANCE
1,8	5.0	N/A	55 Ohm	N/A	+/-10%
4	4.0				
1,8	4.8	10.2	N/A	90 Ohm	+/-10%
			N/A	100 Ohm	+/-10%



PCB SPECIFICATIONS

- A. MATERIAL: FR-4
- B. MATERIAL FAMILY: N/A
- C. SOLDERMASK COLOR: ☐ GREEN ☐ BLUE ☐ RED ☐ BLACK
- D. SOLDERSCREEN COLOR: ☐ WHITE ☐ YELLOW ☐ BLACK
- E. SURFACE FINISH: ☐ GREEN ☐ IMMERSION SILVER ☐ IMMERSION TIN ☐ HASL (Pb-free) ☐ GOLDEN FINGER
- F. IMPEDANCE CONTROL: ☐ NO ☐ YES (SEE IMPEDANCE TABLE FOR DETAIL INFORMATION)
- G. THROUGH VIA: ☐ PLUG THE VIAS WHICH ARE COVERED WITH SOLDERMASK ONE OR TWO SIZE PLUG MATERIAL: ☐ SOLDERMASK ☐ NON-CONDUCTIVE EPOXY.
- H. STACK-UP: SEE LAYER STACK-UP SEQUENCE FOR OVERALL THICKNESS.

PCB REQUIREMENTS

1. THIS BOARD WILL CONFORM TO:
PC-A-600, CURRENT REV. CLASS I
PC-6012, CURRENT REV. CLASS I
2. UNLESS OTHERWISE SPECIFIED ALL HOLE DIMENSIONS APPLY AFTER PLATING.
ALL HOLES SHALL BE LOCATED WITHIN .005" DIAMETER OF TRUE POSITION.
3. PLATED HOLE WALL THICKNESS SHALL NOT BE LESS THAN .001 INCH MINIMUM
AVERAGE, WITH NO READING LESS THAN .0008 BY CROSS SECTION.
4. MATERIAL FR-4 RATING 94V-0 MINIMUM EPOXY GLASS LAMINATE.
5. BOARD SHALL BE UP SOLDER MASKED OVER BARE COPPER BOTH SIDES PER
PC-A-600, CURRENT REV. CLASS I
6. SOLDERSCREEN SHALL BE PERMANENT NON-CONDUCTIVE INK AND WITH NO OVERLAP
ON ANY COMPONENT PAD OR THROUGH HOLE.
7. MARK TO LEGIBLY ETCH OR STAMP/SCREEN WITH PERMANENT NON-CONDUCTIVE INK
A. U.L. CODE
B. DATE CODE
C. FLAMMABILITY RATING
D. SUCCESSFUL ELECTRICAL BOARD TEST.
8. REMOVE THE FLASHES WHICH SMALLER THAN HOLE SIZE.
9. REMOVE ALL SHAPE EDGES AND BURRS .005 MAXIMUM.
10. PLEASE USE THE SUPPLIED PC 356 NETLIST TO VERIFY BOARD BEFORE
FABRICATING BOARD.

LAYER		COMPANY NAME	
DESIGNER	Shelby	PROJECT NAME	ST
DATE	2010/06/20	PROJECT NUMBER	167281
REV	B	PROJECT NUMBER	167281

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		COMPANY NAME	
DIMENSIONS ARE IN INCHES		DRAWN		YY-MM-DD		PROJECT NAME	
TOLERANCES ON:		CHECKED		YY-MM-DD		PROJECT NAME	
2 PL. DIMENSIONS +		ENGRG		YY-MM-DD		PROJECT NAME	
3 PL. DIMENSIONS +		ISSUED		YY-MM-DD		PROJECT NAME	
FRACTIONS +						PROJECT NAME	
						PROJECT NAME	

