

**FAB NOTES:**

MATERIAL: FR4, 1oz OUTER, 1oz INNER LAYERS

SILKSCREEN: WHITE, NON-CONDUCTIVE PAINT

**TOLERANCES:**

HOLE DIAMETER +/- .003

HOLE PLATING .001 MIN, .003 MAX

ETCHING +.001, -.002 OF MASTER PATTERN

DIMENSIONS .XXX +/- .003, .XX +/- .005

**ADDITIONAL NOTES:**

1) ALL DIMENSIONS ARE IN INCHES

2) HOLE DIAMETERS ARE AFTER PLATING

3) ETCH VENDOR LOGO ON SOLDER SIDE

4) SOLDERMASK BOTH SIDES

5) HASL or ENIG LEAD FREE FINISH

6) FINISHED BOARD THICKNESS OF 0.062"

**LAYER STRUCTURE:**

LAYER 1: TOP COMPONENT SIDE (1 oz copper)

LAYER 2: GROUND PLANE (1 oz copper)

LAYER 3: POWER PLANE (1 oz copper)

LAYER 4: BOTTOM SOLDER SIDE (1 oz copper)

4.3 mil

47 mil

4.3 mil

**CONTROLLED IMPEDANCE FAB TABLE**

LAYER	TRACE/SPACE	REF LAYER	IMPEDANCE	TYPE
1	6/6	2	90ohm	DIFF PAIR

Units are mils. Impedance Tolerance is +/-10%

**USB3 HUB and LED Controller**