FIDUCIAL LOCATIONS ARE IN MILS (0.001 INCH) RELATIVE TO THE LOWER LEFT (CONN1 LOCATION) OF THE PCB

FIDUCIALS ARE EXPOSED 0.025 INCH SQUARE COPPER WITH CENTERPOINTS NOTED AS BELOW

<table>
<thead>
<tr>
<th>T1</th>
<th>X = 60</th>
<th>X = 1890</th>
<th>T2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>910</td>
<td>840</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T3</th>
<th>X = 50</th>
<th>X = 1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

(CONN1)

PCB MATERIAL FR4 OR EQUIV 0.031 OR 0.062 INCH COPPER ANY FROM 0.5 to 2.0 OZ SOLDERMASK BOTH SIDES DIFFERENT SILKSCREEN BOTH SIDES DIFFERENT SOLDERMASK AND SILKSCREEN ANY COLOR AS LONG AS THEY CONTRAST DRILL TOLERANCE +/- 0.002 INCH

PCB FINAL SIZE IS 1.0 INCH BY 2.0 INCH

ALL RESISTORS ARE 5% OR BETTER
ALL CAPACITORS ARE 10V X5R OR BETTER
SUBSTITUTIONS TO SIMILAR OR HIGHER SPEC PARTS IS ALLOWED
DNP MEANS DO NOT POPULATE

MANUFACTURING NOTES
REFERENCE: CONN1 IS IN THE LOWER LEFT

LEDS (POWER) IS ALIGNED POS LEFT NEG RIGHT
LED2 AND LED1 ARE ALIGNED POS DOWN NEG UP
LED3/4/5/6 ARE ALIGNED POS LEFT NEG RIGHT
LED7 IS ALIGNED POS LEFT NEG RIGHT
I.E. BEVELED EDGE ON SILKSCREEN = PIN1 = ANODE

U1 PIN 1 IS UPPER RIGHT
U2 PIN 1 IS UPPER LEFT
X1 MAY BE INSTALLED EITHER ORIENTATION

ALL CAPACITORS, RESISTORS, AND L1 ARE NONPOLAR AND MAY BE INSTALLED EITHER ORIENTATION

LAST UPDATED 06-AUG-2010 15:37 EST