Notes (Unless Otherwise Specified):

1. All dimensions are in inches. Dimensions in [xxx] are in millimeters.
2. Material: 10 MIL Rogers RO4350 Dk = 3.66
3. Mounting holes are not plated.
4. Line Width = 15.5 MIL.
5. Launch Taper = 13 MIL. X 50 MIL.
6. Max Frequency = 70GHz
7. Hole Diameters are stated as finished hole size.
8. No soldermask required.
9. Fabrication Tolerance: End product line widths and lands +/- .0005".
10. Copper Specification: 1/2 oz. CU ± .0002, 1.8 MILS Finished
11. Plating Specification: 3 to 10 microinches Gold over 100 microinches Nickel.

PCB Stackup

Top Side: 1.8 MIL Conductor
Ground Plane

Additional ROGERS RO4350

Mounting Holes

<table>
<thead>
<tr>
<th>Body Width</th>
<th>A</th>
<th>B</th>
<th>Ø C</th>
</tr>
</thead>
<tbody>
<tr>
<td>.370 (Narrow)</td>
<td>.250</td>
<td>.100</td>
<td>.073</td>
</tr>
<tr>
<td>.500 (Standard)</td>
<td>.375</td>
<td>.110</td>
<td>.078</td>
</tr>
</tbody>
</table>

DETAIL A

- Taper Width: [.0130] [.33]
- Launch Via Width: [.0450] [.14]
- Taper Length: [.0500] [.127]
- Launch Via: [.0100] [.25]
- Line Width: [.0155] [.39]
- Ground Gap: [.0270] [.69]
- Via Width: [.0610] [.155]
- TYP. Via Spacing: [.0400] [.102]
- TYP. Via Size: Ø [.0150] [.38]