Notes (Unless Otherwise Specified):

1. All dimensions are in inches.
2. Dimensions in [xxx] are in millimeters.
3. Material: 10 MIL iSola Astra MT Dk = 3.02
4. Line Width = 25.0 MIL.
5. Launch Taper = 14 MIL. X 40 MIL.
6. Max Frequency = 70GHz
7. Hole Diameters are stated as finished hole size.
8. Plated through holes are to have a minimum of .001" copper.
9. No soldermask required.
10. Fabrication Tolerance: End product line widths and lands +/- .0005".
11. Copper Specification: 1/2 oz. CU ± .0002, 1.8 MILS Finished

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**PCB Stackup**

Top Side: 1.8 MIL Conductor

Ground Plane

10 MIL iSola Astra MT

Additional Layers (Optional)

**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: .0140 [0.36]
- Taper Length: .0400 [1.02]
- Line Width: .0250 [0.64]
- Taper Length: .0220 [0.56]