Notes (Unless Otherwise Specified):

1. All dimensions are in inches.
2. Dimensions in [xxx] are in millimeters.
3. Material: 8 MIL Rogers RO4003 Dk = 3.55
4. Line Width = 16.2 MIL.
5. Launch Taper = 13 MIL. X 50 MIL.
6. Max Frequency = 40GHz
7. Hole Diameters are stated as finished hole size.
8. Plated through holes are to have a minimum of .001" copper.
9. No soldermask.
10. Fabrication Tolerance: End product line widths and lands +/- .0005".
11. Copper Specification Signal Size: 1/2 oz. Cu + .0002, 1.8 MILS Finished

MATERIAL
Rogers RO4003
Dk = 3.55

007 Launch, Microstrip, 8MIL
Rogers RO4003, 40GHz

DETAIL A

Top Side: 1.8 MIL Conductor
Ground Plane

These 3 surfaces must be in the same plane to prevent damage to the connector

Top Ground Pad
Signal Trace
Top Ground Pad

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>

PCB Stackup

8 MIL Rogers RO4003

Additional Layers (Optional)