Notes (Unless Otherwise Specified):

1. All dimensions are in inches.
2. Dimensions in [xxx] are in millimeters.
3. Material: 10 MIL Rogers RO4350 Dk = 3.66
4. Line Width = 21.0 MIL.
5. Launch Taper = 10 MIL. X 45 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.
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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**DETAIL A**

- **Taper Width**: 0.0100 [0.25]
- **Taper Length**: 0.0450 [1.14]
- **Line Width**: 0.0220 [0.56]
- **4X Ø**: 0.0150 [0.38], 0.0120 [0.3], 0.0110 [0.28]

**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**

- Top Side: 1.8 MIL Conductor
- Ground Plane
- 10 MIL Rogers RO4350
- Additional Layers (Optional)

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

**Top Ground Pad**

**Signal Trace**

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**MATERIAL**

ROGERS RO4350
Dk = 3.66

**033 Launch, Microstrip, 10MIL**

**Rogers RO4350, 70GHz**

**APPROVAL**

BR 10/07/15