Notes (Unless Otherwise Specified):

1. All dimensions are in inches.
2. Dimensions in [xxx] are in millimeters.
3. Material: 8 MIL Panasonic Megtron 6 Dk = 3.6
4. Line Width = 17.0 MIL.
5. Launch Taper = 9 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.
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**

8 MIL Panasonic Megtron 6

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

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**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>

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**DETAIL A**

- 4X Ø [0.3]
- .0110 [0.28]
- .0150 [0.38]
- .0080 [0.2]
- .0220 [0.56]
- .0090 [0.23] Taper Width
- .0120 [0.3] Taper Length
- .0410 [1.04]
- .0420 [1.07]
- .0860 [2.18]
- .1360 [3.45]

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**MATERIAL**

Panasonic Megtron 6

DK = 3.6

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**034 Launch, Microstrip, 8MIL Megtron 6, 70GHz**

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**APPROVAL**

B E 10/05/15

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**FILE NAME**

EL-MS-M-08-MEGTRON6-034