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 = 17.3 MIL.
5. Launch Taper = 11 MIL. X 50 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 Signal Size: 1/2 oz. CU ± .0002, 1.8 MILS Finished

- PCB Stackup
  - These 3 surfaces must be in the same plane to prevent damage to the connector
  - Top Ground Pad
  - Signal Trace
  - Top Ground Pad

<table>
<thead>
<tr>
<th>Mounting Holes</th>
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<tbody>
<tr>
<td>Body Width</td>
</tr>
<tr>
<td>.370 (Narrow)</td>
</tr>
<tr>
<td>.500 (Standard)</td>
</tr>
</tbody>
</table>

**DETAIL A**
- Taper Width: .0110 [0.28]
- 2X Ø: .0080 [0.2]
- .0220 [0.56]
- .0150 [0.38]

**Top Side: 1.8 MIL Conductor**
- Must Be Flush at Launch End
- 8 MIL Rogers RO4003
- Ground Plane
- Additional Layers (Optional)

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

**Top Ground Pad**
- 2X Ø C Clearance Hole
- Line Width
- .0173 [0.44]

**Mounting Holes**
- Body Width
- A | B | Ø C
- .370 (Narrow) | .250 | .100 | .073
- .500 (Standard) | .375 | .110 | .078

**Materials**
- Rogers RO4003
- Dk = 3.55