**Coaxial Matching Pad**

50/75Ω  DC to 2000 MHz

**Maximum Ratings**
- Operating Temperature: -55°C to 100°C
- Storage Temperature: -55°C to 100°C
- RF Input Power: 0.25W

**Features**
- excellent VSWR 1.15: typ.
- excellent flatness
- wideband coverage, DC to 2000 MHz

**Applications**
- impedance matching

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## Electrical Specifications

**FREQ. (MHz)** | **ATTENUATION (dB)** | **VSWR (:1)**<br>Max. | **POWER (W)**
--- | --- | --- | ---
DC-100 | 50Ω | 75Ω | 1.06 | 1.22 | 1.4 | 0.25
100-1000 | 1.01 | 1.00
1000-2000 | 1.07 | 1.12

**Typical Performance Data**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Attenuation (dB)</th>
<th>VSWR (:1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-100</td>
<td>50Ω</td>
<td>75Ω</td>
</tr>
</tbody>
</table>
| 10.00 | 5.71 | 1.01 | 1.00
| 20.00 | 5.71 | 1.01 | 1.00
| 50.00 | 5.71 | 1.13 | 1.04
| 100.00 | 5.74 | 1.07 | 1.12
| 1000.00 | 5.74 | 1.07 | 1.12
| 1505.00 | 5.74 | 1.03 | 1.09
| 2000.00 | 5.61 | 1.04 | 1.25

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**Outline Drawing**

**Outline Dimensions (inch/mm)**
- B: .54 13.72
- D: 2.59 65.79
- wt: grams 40.0

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**Electrical Schematic**

**Notes:**
1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet.
2. Electrical specifications and performance data contained herein are based on Mini-Circuit’s applicable established test performance criteria and measurement instructions.
3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, “Standard Terms”). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits’ website at www.minicircuits.com/MCLStore/terms.jsp.