Specifications

- **Capacity** $C_{\text{max}}$ (nominal): 25 pF
- **Voltage (Peak Test $U_p$ / Peak Working $U_{pw}$)**: 30 kV / 18 kV
- **Capacity Tolerance**: 10%
- **Max. Current $I_{\text{max}}$ at 13.56 MHz with**: 27 Arms
- **Conduction Cooling**: 50 W
- **Net Weight**: 0.35 kg

Imax at 25°C ambient and 125°C surface temp. for convection and conduction (50 W) cooling

<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>$I_{\text{max}}$ [Ams]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>100</td>
<td>1000</td>
</tr>
</tbody>
</table>

Convection 50W

Conduction

<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>ESR [mΩ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.1</td>
</tr>
<tr>
<td>10</td>
<td>1.0</td>
</tr>
<tr>
<td>100</td>
<td>10.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>EPR [mΩ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.0</td>
</tr>
<tr>
<td>10</td>
<td>10.0</td>
</tr>
<tr>
<td>100</td>
<td>10000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>tan δ</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.E-06</td>
</tr>
<tr>
<td>10</td>
<td>1.E-05</td>
</tr>
<tr>
<td>100</td>
<td>1.E-04</td>
</tr>
</tbody>
</table>

Note: Technical information in Service Bulletin SB-52 must be considered

Issue: 30-Oct-2007

Replaces: 12-Mar-2002