## Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacitance $C_{\text{max}}$ (nominal)</td>
<td>30 pF</td>
</tr>
<tr>
<td>Capacitance $C_{\text{min}}$ (nominal)</td>
<td>20 pF</td>
</tr>
<tr>
<td>Voltage (Peak Test $U_{\text{tp}}$ / Peak Working $U_{\text{pw}}$)</td>
<td>30 kV / 18 kV</td>
</tr>
<tr>
<td>Max. Current $I_{\text{max}}$ at 13.56 MHz with Conduction Cooling</td>
<td>32 Arms</td>
</tr>
<tr>
<td>Conduction Cooling</td>
<td>20 W</td>
</tr>
<tr>
<td>Capacitance per turn</td>
<td>3 pF</td>
</tr>
<tr>
<td>Net Weight</td>
<td>0.5 kg</td>
</tr>
<tr>
<td>Torque</td>
<td>&lt;0.2 Nm</td>
</tr>
</tbody>
</table>

*Imax at 25°C ambient and 125°C surface temp. for convection and conduction (20W) cooling*

### Graphs

#### ESR and EPR vs. Frequency

- **ESR (mΩ)**
  
<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>1000</th>
<th>10000</th>
<th>100000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>10</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>100</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

- **EPR (Mohms)**
  
<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>1000</th>
<th>10000</th>
<th>100000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>1.0</td>
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</tr>
<tr>
<td>100</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

#### $\tan \delta$ vs. Frequency

- **$\tan \delta$**
  
<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>1.E-04</th>
<th>1.E-05</th>
<th>1.E-06</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>10</td>
<td>1.0</td>
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</tr>
<tr>
<td>100</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

#### Max. Current $I_{\text{max}}$ vs. Frequency

- **$I_{\text{max}}$ [Arms]**
  
<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>1</th>
<th>10</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>100</td>
<td>1000</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
<td>1000</td>
<td>10000</td>
</tr>
</tbody>
</table>

### Special Features:

- RoHS Compliant

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Subject to change without prior notice

Note: Technical information in Service Bulletin

SB-52 must be considered

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