Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity $C_{\text{max}}$ (nominal)</td>
<td>100 pF</td>
</tr>
<tr>
<td>Capacity $C_{\text{min}}$ (nominal)</td>
<td>10 pF</td>
</tr>
<tr>
<td>Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$)</td>
<td>15 kV / 9 kV</td>
</tr>
<tr>
<td>Capacity Tolerance (linear Range)</td>
<td>10%</td>
</tr>
<tr>
<td>Max. Current $I_{\text{max}}$ at 13.56 MHz with Conduction Cooling</td>
<td>54 Arms</td>
</tr>
<tr>
<td>Self Inductance</td>
<td>≤ 8 nH</td>
</tr>
<tr>
<td>Capacitance per turn</td>
<td>8.4 pF/turn</td>
</tr>
<tr>
<td>Torque</td>
<td>≤ 0.2 Nm</td>
</tr>
<tr>
<td>Net Weight</td>
<td>0.5 kg</td>
</tr>
</tbody>
</table>

Imax at 25°C ambient and 125°C surface temp. for convection and conduction (15 W) cooling

Frequency [MHz], $U_{\text{pw}} = 9$ kV

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

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Replaces: 25-Jul-2007
Mechanical stop at ≤ 7 pF at ~ -1.5 turns
Mechanical stop at > 100 pF at ~ 10.3 turns

<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>-0.8</td>
<td>10.0</td>
<td>10%</td>
</tr>
<tr>
<td>0.0</td>
<td>16.8</td>
<td>0%</td>
</tr>
<tr>
<td>2.0</td>
<td>33.9</td>
<td>10%</td>
</tr>
<tr>
<td>4.0</td>
<td>50.9</td>
<td>10%</td>
</tr>
<tr>
<td>6.0</td>
<td>67.6</td>
<td>10%</td>
</tr>
<tr>
<td>8.0</td>
<td>84.4</td>
<td>10%</td>
</tr>
<tr>
<td>9.9</td>
<td>100.0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Special Features:

Special Series Features

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

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