**Specifications**

- **Capacity** $C_{\text{max}}$ (nominal) \(250 \text{ pF}\)
- **Capacity** $C_{\text{min}}$ (nominal) \(25 \text{ pF}\)
- **Voltage** (Peak Test $U_{\text{p}}$ / Peak Working $U_{\text{pw}}$) \(15 \text{ kV} / 9 \text{ kV}\)
- **Capacity Tolerance** (linear Range) \(10\%\)
- **Max. Current** $I_{\text{max}}$ at 13.56 MHz with Conduction Cooling \(94 \text{ Arms}\)
- **Self Inductance** \(\leq 8 \text{ nH}\)
- **Capacitance per turn** \(20.8 \text{ pF/turn}\)
- **Torque** \(\leq 0.2 \text{ Nm}\)
- **Net Weight** \(0.5 \text{ kg}\)

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

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

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

**Issue:** 27-Jun-2006
**Replaces:** 12-Aug-2002
Mechanical stop at < 25 pF at ~ -0.8 turns
Mechanical stop at > 250 pF at ~ 11 turns

<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>25.0</td>
<td>0%</td>
</tr>
<tr>
<td>2.0</td>
<td>64.9</td>
<td>10%</td>
</tr>
<tr>
<td>4.0</td>
<td>105.8</td>
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</tr>
<tr>
<td>6.0</td>
<td>148.2</td>
<td>10%</td>
</tr>
<tr>
<td>8.0</td>
<td>190.7</td>
<td>10%</td>
</tr>
<tr>
<td>10.8</td>
<td>250.0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Special Features:
Special Series Features

Technical information in Service Bulletin SB-52 must be considered