**Specifications**

- **Capacity** $C_{\text{max}}$ (nominal): 100 pF
- **Capacity** $C_{\text{min}}$ (nominal): 10 pF
- **Voltage** (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$): 15 kV / 9 kV
- **Capacity Tolerance** (linear Range): 10%
- **Max. Current** $I_{\text{max}}$ at 13.56 MHz with Conduction Cooling: 54 Arms
- **Conduction Cooling**: 15 W
- **Self Inductance**: $\leq 8$ nH
- **Capacitance per turn**: 8.4 pF/turn
- **Torque**: $\leq 0.2$ Nm
- **Net Weight**: 0.5 kg

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**Graphs and Diagrams**

- **Graph 1**: Capacitance vs. Turns for Capacitance [pF] ranging from 0 to 100.
- **Graph 2**: $I_{\text{max}}$ [Arms] vs. Frequency [MHz] for $U_{\text{pw}} = 9$ kV.

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

**Issue**: 10-Jul-2006

**Replaces**: 03-May-2006
Mechanical stop at < 10 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