**Specifications**

- Capacitance $C_{\text{max}}$ (nominal): 1000 pF
- Capacitance $C_{\text{min}}$ (nominal): 50 pF
- Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$): 5 kV / 3 kV
- Capacitance Tolerance (linear Range): 10%
- Max. Current $I_{\text{max}}$ at 13.56 MHz with Conduction Cooling: 55 Arms
- Self Inductance: ≤ 11 nH
- Capacitance per turn: 84.9 pF/turn
- Torque: ≤ 0.15 Nm
- Net Weight: 0.6 kg

---

**Imax at 25°C ambient and 125°C surface temp. for convection and conduction (10 W) cooling**

- Capacitance per turn

---

**Frequency [MHz], $U_{\text{pw}} = 3$ kV**

- $I_{\text{max}}$ [A rms]

---

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

**Page 1 / 2**
<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>-0.3</td>
<td>50.0</td>
<td>10%</td>
</tr>
<tr>
<td>0.0</td>
<td>75.0</td>
<td>0%</td>
</tr>
<tr>
<td>2.0</td>
<td>236.4</td>
<td>10%</td>
</tr>
<tr>
<td>4.0</td>
<td>405.9</td>
<td>10%</td>
</tr>
<tr>
<td>6.0</td>
<td>577.6</td>
<td>10%</td>
</tr>
<tr>
<td>8.0</td>
<td>749.2</td>
<td>10%</td>
</tr>
<tr>
<td>10.0</td>
<td>920.8</td>
<td>10%</td>
</tr>
<tr>
<td>10.9</td>
<td>1000.0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Mechanical stop at < 50 pF at ~ -0.7 turns
Mechanical stop at > 1000 pF at ~ 11.2 turns

Subject to change without prior notice

Note: Technical information in Service Bulletin

Issue: 11-Jul-2012

SB-52 must be considered