**Specifications**

- Capacitance $C_{\text{max}}$ (nominal): 2000 pF
- Capacitance $C_{\text{min}}$ (nominal): 125 pF
- Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$): 8 kV / 4.8 kV
- Capacitance Tolerance (linear Range): 10%
- Max. Current $I_{\text{max}}$ at 13.56 MHz with:
  - Conduction Cooling: 30 W
- Self Inductance: ≤ 11 nH
- Capacitance per turn: 150 pF/turn
- Torque: ≤ 0.6 Nm
- Net Weight: 2.4 kg

**Self Inductance**

<table>
<thead>
<tr>
<th>Capacitance per turn</th>
<th>150 pF/turn</th>
</tr>
</thead>
</table>

**Capacitance Tolerance (linear Range)**

<table>
<thead>
<tr>
<th>Capacitance Tolerance (linear Range)</th>
<th>10%</th>
</tr>
</thead>
</table>

**Frequency [MHz], $U_{\text{pw}} = 4.8$ kV**

- $I_{\text{max}}$ at 25°C ambient and 125°C surface temp. for convection and conduction (30 W) cooling

**Design Information**

- Reference point
- 200 pF
- -2
- 0
- 2
- 4
- 6
- 8
- 10
- 12
- 2000 pF
- 1000 pF
- 500 pF
- 125 pF

**Subject to change without prior notice**

*Note: Technical information in Service Bulletin SB-52 must be considered*
<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>-0.5</td>
<td>125.0</td>
<td>10%</td>
</tr>
<tr>
<td>0.0</td>
<td>200.0</td>
<td>0%</td>
</tr>
<tr>
<td>3.0</td>
<td>650.7</td>
<td>10%</td>
</tr>
<tr>
<td>6.0</td>
<td>1101.5</td>
<td>10%</td>
</tr>
<tr>
<td>9.0</td>
<td>1552.2</td>
<td>10%</td>
</tr>
<tr>
<td>12.0</td>
<td>2000.0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Mechanical stop at < 125 pF at ~ -1.1 turns
Mechanical stop at > 2000 pF at ~ 12.1 turns

Special Features:
Special Bellows, RoHS Compliant