**Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity $C_{\text{max}}$ (nominal)</td>
<td>2000 pF</td>
</tr>
<tr>
<td>Capacity $C_{\text{min}}$ (nominal)</td>
<td>150 pF</td>
</tr>
<tr>
<td>Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$)</td>
<td>5 kV / 3 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>114 Arms</td>
</tr>
<tr>
<td>Self Inductance</td>
<td>$\leq 6 , \text{nH}$</td>
</tr>
<tr>
<td>Capacitance per turn</td>
<td>124.1 pF/turn</td>
</tr>
<tr>
<td>Torque</td>
<td>$\leq 0.4 , \text{Nm}$</td>
</tr>
<tr>
<td>Net Weight</td>
<td>1.4 kg</td>
</tr>
</tbody>
</table>

---

**Diagram**

- **VIEW T**: Diagram showing dimensions and design details.
- **VIEW S**: Diagram showing cross-section of the capacitor.
- **VIEW B**: Diagram showing the top view with dimensions.

---

**Graph**

- **Frequency [MHz], $U_{\text{pw}} = 3 \, \text{kV}$**
  - Capacitance vs. Frequency graph with data points for 13.56 MHz and 25W cooling.

---

**Subject to change without prior notice**

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

**Issue**: 24-Feb-2009

**Replaces**: 23-Aug-2001
Turns | Nominal Capacitance [pF] | Tolerance
---|---|---
-1.2 | 150.0 | 10%
-0.5 | 238.5 | 10%
0.0 | 300.0 | 0%
4.0 | 797.0 | 10%
8.0 | 1292.7 | 10%
12.0 | 1784.6 | 10%
13.7 | 2000.0 | 10%

Mechanical stop at < 150 pF at ~ -2.8 turns
Mechanical stop at > 2000 pF at ~ 13.7 turns

Self inductance and resonance frequency

Special Features:
Integrated Flange