## Specifications

### Capacity
- $C_{\text{max}}$ (nominal): 500 pF
- $C_{\text{min}}$ (nominal): 50 pF

### Voltage
- Peak Test $U_{\text{pt}}$: 8 kV / 4.8 kV

### Capacity Tolerance
- Linear Range: 10%

### Max. Current
- $I_{\text{max}}$ at 13.56 MHz with Conduction Cooling: 57 Arms
- $I_{\text{max}}$ at 25°C ambient and 125°C surface temp. for convection and conduction (20 W) cooling: 42.9 pF/turn
- Self Inductance: ≤ 9 nH
- Capacitance per turn: ≤ 0.2 Nm
- Net Weight: 0.6 kg

### Diagrams
- View T
- View B
- View S

### Graphs
- Capacitance vs. Turns
  - Reference point: 50 pF
- $I_{\text{max}}$ vs. Frequency
  - Conduction
  - Convection

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

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Subject to change without prior notice

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### Turn Information

<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>50.0</td>
<td>0%</td>
</tr>
<tr>
<td>2.0</td>
<td>133.2</td>
<td>10%</td>
</tr>
<tr>
<td>4.0</td>
<td>218.1</td>
<td>10%</td>
</tr>
<tr>
<td>6.0</td>
<td>303.3</td>
<td>10%</td>
</tr>
<tr>
<td>8.0</td>
<td>391.0</td>
<td>10%</td>
</tr>
<tr>
<td>10.5</td>
<td>500.0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Mechanical stop at < 50 pF at ~ -0.5 turns
Mechanical stop at > 500 pF at ~ 10.6 turns

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Special Feature

RoHS compliant