**0059932A2**

### Electrical Characteristics

<table>
<thead>
<tr>
<th>Watt Loss @ 100kHz, 100mT max (mW/cm³)</th>
<th>DC Bias min (oersteds)</th>
<th>Voltage Breakdown wire to wire min (VAC)</th>
<th>Break Strength min (kg)</th>
<th>Window Area W₅(mm²)</th>
<th>Cross Section Aₑ (mm²)</th>
<th>Path Length Lₑ (mm)</th>
<th>Volume Vₑ (mm³)</th>
<th>Est. Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>725</td>
<td></td>
<td>3000</td>
<td>77.0</td>
<td>156</td>
<td>65.4</td>
<td>63.5</td>
<td>4,150</td>
<td>30.4</td>
</tr>
</tbody>
</table>

### Physical Characteristics

<table>
<thead>
<tr>
<th>Winding Information</th>
<th>Temperature Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Winding Length Per Turn</strong></td>
<td><strong>Wound Coil Dimensions (mm)</strong></td>
</tr>
<tr>
<td>Winding Factor</td>
<td>(mm)</td>
</tr>
<tr>
<td>0%</td>
<td>37.5</td>
</tr>
<tr>
<td>20%</td>
<td>41.1</td>
</tr>
<tr>
<td>25%</td>
<td>42.1</td>
</tr>
<tr>
<td>30%</td>
<td>42.8</td>
</tr>
<tr>
<td>35%</td>
<td>43.8</td>
</tr>
<tr>
<td>Completely Full Window</td>
<td>Max OD</td>
</tr>
<tr>
<td>Surface Area (mm²)</td>
<td>Unwound Core</td>
</tr>
</tbody>
</table>

### Typical DC Bias Performance

![Graph showing typical DC bias performance](graph.png)