**Specification for:** 0F42019EC

110 Delta Drive
Pittsburgh, PA 15238
Phone: 412/696-1333
Fax: 412/696-0333
Email:magnetics@spang.com

**DIMENSIONS**

<table>
<thead>
<tr>
<th>(mm)</th>
<th>Nominal</th>
<th>Tol. min.</th>
<th>Tol. max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>20.0</td>
<td>-0.55</td>
<td>+ 0.55</td>
</tr>
<tr>
<td>B</td>
<td>10.0</td>
<td>-0.15</td>
<td>+ 0.15</td>
</tr>
<tr>
<td>C</td>
<td>6.65</td>
<td>-0.15</td>
<td>+ 0.15</td>
</tr>
<tr>
<td>D</td>
<td>7.7</td>
<td>-0.25</td>
<td>+ 0.25</td>
</tr>
<tr>
<td>E</td>
<td>15.4</td>
<td>-0.5</td>
<td>+ 0.5</td>
</tr>
<tr>
<td>F</td>
<td>8.9</td>
<td>-0.2</td>
<td>+ 0.2</td>
</tr>
<tr>
<td>K</td>
<td>3.6</td>
<td>-0.15</td>
<td>+ 0.15</td>
</tr>
<tr>
<td>L</td>
<td>2.3 Ref.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>3.25 Ref.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INDUCTANCE**

<table>
<thead>
<tr>
<th>AL value (nH)</th>
<th>Test conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1881 ± 25%</td>
<td>10 kHz, &lt; 0.5 mT, 25 °C</td>
</tr>
</tbody>
</table>

**MARKING**

<table>
<thead>
<tr>
<th>Eff. Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ae mm²</td>
</tr>
<tr>
<td>31.0</td>
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</table>

**CORE LOSSES**

<table>
<thead>
<tr>
<th>P, max</th>
<th>Test conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>212 mW/cm³ (0.31 W/set)</td>
<td>25 kHz, 200 mT, 100 °C</td>
</tr>
</tbody>
</table>