Specification for:

0J42515UC

A Division of Spang & Company

Dimension of Spang & Company

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>25.4</td>
<td>-0.51</td>
<td>+ 0.51</td>
</tr>
<tr>
<td>B</td>
<td>15.9 Ref.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>6.35</td>
<td>-0.12</td>
<td>+ 0.12</td>
</tr>
<tr>
<td>D</td>
<td>9.27 Min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>12.7 Ref.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>6.45</td>
<td>-0.15</td>
<td>+ 0.15</td>
</tr>
</tbody>
</table>

Eff. Parameters

Ae mm² Amin mm² le mm Ve mm³
40.4 40.4 83.4 3370

INDUCTANCE

<table>
<thead>
<tr>
<th>AL value (nH/T²)</th>
<th>Test conditions</th>
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</thead>
<tbody>
<tr>
<td>Nom: 2507</td>
<td>10 kHz, &lt; 0.5 mT, 25 °C</td>
</tr>
<tr>
<td>Min.: 1880</td>
<td></td>
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</table>

MARKING

No marking

LOSS FACTOR

<table>
<thead>
<tr>
<th>tan δ/μ</th>
<th>Test conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 20 ·10⁻⁶</td>
<td>100 kHz, &lt; 0.25 mT, 25 °C</td>
</tr>
</tbody>
</table>

NOTE

Spec. modifications | Previous | Revised |
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>2005-06-22</td>
<td>L=6.35±0.13 Loss factor: General J material</td>
<td>L=6.45±0.15 Loss factor: Detail as indicated</td>
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</tbody>
</table>