Specification for: FP41805EC

A Division of Spang & Company

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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>18.0</td>
<td>-0.35</td>
<td>+ 0.35</td>
</tr>
<tr>
<td>B</td>
<td>4.0</td>
<td>-0.1</td>
<td>+ 0.1</td>
</tr>
<tr>
<td>C</td>
<td>10.0</td>
<td>-0.2</td>
<td>+ 0.2</td>
</tr>
<tr>
<td>D</td>
<td>2.0</td>
<td>-0.1</td>
<td>+ 0.1</td>
</tr>
<tr>
<td>E</td>
<td>13.7 Min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>4.0</td>
<td>-0.1</td>
<td>+ 0.1</td>
</tr>
<tr>
<td>L</td>
<td>2.0 Ref.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>5.0 Ref.</td>
<td></td>
<td></td>
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</table>

Eff. Parameters

<table>
<thead>
<tr>
<th>Ae mm²</th>
<th>Amin mm²</th>
<th>le mm</th>
<th>Ve mm³</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.1</td>
<td>39.9</td>
<td>24.2</td>
<td>972</td>
</tr>
</tbody>
</table>

INDUCTANCE

<table>
<thead>
<tr>
<th>AL value (nH)</th>
<th>Test conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nom: 3430</td>
<td>10 kHz, &lt; 0.5 mT, 25 °C</td>
</tr>
<tr>
<td>Min.: 2573</td>
<td></td>
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</tbody>
</table>

CORE LOSSES

<table>
<thead>
<tr>
<th>P, max</th>
<th>Test conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>108 mW/cm³ (0.105 W/set)</td>
<td>100 kHz, 100 mT, 100 °C</td>
</tr>
</tbody>
</table>

MARKING

P
EC

NOTE

Spec. modifications | Previous | Revised |
-------------------|----------|---------|
2005-06-22 | Al=2740 Min. Losses: General P material | Al=2573 Min. Losses: Detail as indicated |