Unshielded Surface Mount Inductors

Example: 1330-42K

**Physical Parameters**

<table>
<thead>
<tr>
<th></th>
<th>Inches</th>
<th>Millimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.300 to 0.325</td>
<td>7.62 to 8.26</td>
</tr>
<tr>
<td>B</td>
<td>0.105 to 0.125</td>
<td>2.67 to 3.18</td>
</tr>
<tr>
<td>C</td>
<td>0.125 to 0.145</td>
<td>3.18 to 3.68</td>
</tr>
<tr>
<td>D</td>
<td>0.020 Min.</td>
<td>0.508 Min.</td>
</tr>
<tr>
<td>E</td>
<td>0.040 to 0.060</td>
<td>1.02 to 1.52</td>
</tr>
<tr>
<td>F</td>
<td>0.190 (Ref. only)</td>
<td>4.83 (Ref. only)</td>
</tr>
<tr>
<td>G</td>
<td>0.070 (Ref. only)</td>
<td>1.78 (Ref. only)</td>
</tr>
</tbody>
</table>

**Weight Max (Grams)** 0.30

**Operating Temperature Range**
- Phenolic: -55°C to +125°C
- Iron and Ferrite: -55°C to +105°C

**Current Rating at 90°C Ambient**
- Phenolic: 35°C Rise
- Iron and Ferrite: 15°C Rise

**Maximum Power Dissipation at 90°C Ambient**
- Phenolic: 0.210 W
- Iron: 0.090 W
- Ferrite: 0.073 W

**Marking** Delevan; dash number; date code (YYWWL).

Note: An R before the date code indicates a RoHS component.

Example: 1330-42K

DELEVAN
42
1818A

**Packaging** Tape & reel (16mm): 7” reel, 500 pieces max.;
13” reel, 2200 pieces max.

**Made in the U.S.A.**