Surface Mount High Current Power Inductors

### Physical Parameters

<table>
<thead>
<tr>
<th></th>
<th>Inches</th>
<th>Millimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.490 to 0.520</td>
<td>12.44 to 13.21</td>
</tr>
<tr>
<td>B</td>
<td>0.230 to 0.250</td>
<td>5.84 to 6.35</td>
</tr>
<tr>
<td>C</td>
<td>0.210 to 0.230</td>
<td>5.33 to 5.84</td>
</tr>
<tr>
<td>D</td>
<td>0.050 Min.</td>
<td>1.27 Min.</td>
</tr>
<tr>
<td>E</td>
<td>0.055 to 0.075</td>
<td>1.40 to 1.91</td>
</tr>
<tr>
<td>F</td>
<td>0.330 (Ref. only)</td>
<td>8.38 (Ref. only)</td>
</tr>
<tr>
<td>G</td>
<td>0.120 (Ref. only)</td>
<td>3.04 (Ref. only)</td>
</tr>
</tbody>
</table>

### Operating Temperature Range
-55°C to +125°C

### Current Rating at 85°C Ambient
40°C Rise

### Maximum Power Dissipation at 85°C
0.55 Watts

### Inductance
Measured at 1 VAC open circuit with no DC current.

### Incremental Current
The current at which the inductance will be decreased by a maximum of 5% from its initial zero DC value.

### Weight (Grams Max.)
1.5

### Marking
Delevan: dash number; date code (YYWWL).
Note: An R before the date code indicates a RoHS component.

Example: 4922-01L
DELEVAN
01
0918A

### Packaging
Tape & reel (24mm): 13" reel, 800 pieces max.; 7" reel not available.

Made In the U.S.A.

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### Optional Tolerances:
- Values < 10µH: K = 10% J = 5%
- Values ≥ 10µH: K = 10% J = 5% H = 3%

*Complete part # must include series # PLUS the dash #

For surface finish information, refer to www.delevanfinishes.com