Unshielded Surface Mount Inductors

Physical Parameters

<table>
<thead>
<tr>
<th>Inches</th>
<th>Millimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.166 to 0.190</td>
</tr>
<tr>
<td>B</td>
<td>0.118 to 0.134</td>
</tr>
<tr>
<td>C</td>
<td>0.118 to 0.134</td>
</tr>
<tr>
<td>D</td>
<td>0.015 Min.</td>
</tr>
<tr>
<td>E</td>
<td>0.054 to 0.078</td>
</tr>
<tr>
<td>F</td>
<td>0.118 (Ref. only)</td>
</tr>
<tr>
<td>G</td>
<td>0.066 (Ref. only)</td>
</tr>
</tbody>
</table>

Dimensions "A" and "C" are over terminals.

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

Current Rating at 90°C Ambient  35°C Rise

Maximum Power Dissipation at 90°C
Iron and Ferrite: 0.278 W  
Phenolic: 0.210 W

**†Note** Self Resonant Frequency (SRF) values are calculated and for reference only.

Packaging  Tape & reel (12mm): 7" reel, 650 pieces max.;  
13" reel, 2500 pieces max.

* Term Termination Finish Options (Part & Callout)  
MIL1812-101K = M83446-39-13F (Tin/Lead)  
MIL1812R-101K = M83446-39-13P (Lead free)

Marking  Delevan; military part number; date code (YYWWL).  
Example: MIL1812-101K  
DELEVA  
M83446-39-13F  
1808A

Parts listed above are QPL/MIL qualified

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

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