PHYSICAL DIMENSIONS:

A  2.50 ±  0.20
B  2.00 ±  0.20
C  1.20 Max.
D  0.60 ±  0.30

LAND PATTERNS FOR REFLOW SOLDERING

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NOTES:

1. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
2. TERMINATION FINISH IS 100% TIN.
3. OPERATING TEMPERATURE RANGE: −40°C ~ +125°C.
4. STORAGE TEMPERATURE RANGE: −40°C ~ +85°C.
5. ISat MEANS THAT MAX DC CURRENT WILL CAUSE A PROXIMATELY 30% INDUCTION REDUCTION FROM INITIAL VALUE.
6. IRms MEANS THAT MAX DC CURRENT WILL CAUSE PROXIMATELY 40°C TEMPERATURE RISE FROM 25±5°C AMBIENT.

ELECTRICAL SPECIFICATION @ 25°C

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>Norm</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDUCTANCE (µH) L @ 1MHz/1mA 20%</td>
<td>1.76</td>
<td>2.20</td>
<td>2.64</td>
</tr>
<tr>
<td>DCR (Ω)</td>
<td>0.085</td>
<td>0.098</td>
<td></td>
</tr>
<tr>
<td>Saturation Current Isat (A)</td>
<td>3.00</td>
<td>2.73</td>
<td></td>
</tr>
<tr>
<td>Heating Current Irms (A)</td>
<td>2.27</td>
<td>2.06</td>
<td></td>
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</tbody>
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