INDUCTORS DESIGNED FOR NATIONAL’S 260 kHz SIMPLE SWITCHER™

- Tested and recommended by National Semiconductor for the LM267X series
- Base material meets flammability requirements of UL 94V-0
- Available in surface mount and through hole versions

### Electrical Specifications @ 25°C — Operating Temperature -40° to +130° C

<table>
<thead>
<tr>
<th>Pulse THT Part Number</th>
<th>Pulse SMT Part Number</th>
<th>National Part Number</th>
<th>Nominal Inductance (µH)</th>
<th>Rated Current (A DC)</th>
<th>Max ² ETOP (V-µSec)</th>
<th>Nominal DCR (Ω)</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>P0841</td>
<td>LM267X-L41</td>
<td>22.8</td>
<td>4.9</td>
<td>23.3</td>
<td>.036</td>
<td>KM-30</td>
<td>—</td>
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<tr>
<td>P0845</td>
<td>LM267X-L45</td>
<td>10.2</td>
<td>4.3</td>
<td>10.0</td>
<td>.026</td>
<td>KM-1.1</td>
<td>—</td>
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<tr>
<td>P0846</td>
<td>LM267X-L46</td>
<td>14.8</td>
<td>5.0</td>
<td>17.0</td>
<td>.023</td>
<td>KM-2.1</td>
<td>—</td>
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<td>P0847</td>
<td>LM267X-L47</td>
<td>10</td>
<td>5.0</td>
<td>13.0</td>
<td>.025</td>
<td>KM-20</td>
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<tr>
<td>P0848</td>
<td>LM267X-L48</td>
<td>50</td>
<td>5.0</td>
<td>40.0</td>
<td>.050</td>
<td>KM-40</td>
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<tr>
<td>P0849</td>
<td>LM267X-L49</td>
<td>33</td>
<td>5.0</td>
<td>36.0</td>
<td>.047</td>
<td>KM-40</td>
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<tr>
<td>P0850</td>
<td>LM267X-L50</td>
<td>23</td>
<td>5.0</td>
<td>24.0</td>
<td>.026</td>
<td>KM-30</td>
<td>—</td>
</tr>
</tbody>
</table>

**Notes:**
1. Inductance values may vary ±20%.
2. ETOP rated at 260 kHz.
3. SIMPLE SWITCHER™ is a trademark of National Semiconductor Corporation.

### KlipMount Series

<table>
<thead>
<tr>
<th>PKG</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>±005</td>
<td>±010</td>
<td>±020</td>
<td>±025</td>
<td>±010</td>
<td>±020</td>
</tr>
</tbody>
</table>

**Dimensions:**
- Inches
- mm

Unless otherwise specified, all tolerances are ± 0.010 ± 0.25

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**KlipMount Series**

- Dimensions: Inches
- mm

**NOTE:**
- Unless otherwise specified, all tolerances are ± 0.010 ± 0.25
INDUCTORS DESIGNED FOR NATIONAL’S 260 kHz SIMPLE SWITCHER™

Mechanicals

LCI Series

HCl-68

Bigfoot

Notes:
1. Dimension “D” is measured across terminal blocks only.
2. Coil must clear seating plane by 0.10 MIN.

Dimensions: Inches

Note:
Coil must clear seating plane by 0.10 MIN.

Unless otherwise specified, all tolerances are ± 0.25

Notes:
1. Dimension “D” is measured across terminal blocks only.
2. Coil must clear seating plane by 0.10 MIN.

Dimensions: Inches

Note:
Coil must clear seating plane by 0.10 MIN.

Unless otherwise specified, all tolerances are ± 0.25