**Flyback Transformer**

For Linear Technology LT3751 Capacitor Charger Controller

- Flyback transformer for the Linear Technology LT3751 Capacitor Charger Controller
- 120 – 377 V input; up to 500 V output
- 300 Vrms isolation from primary to secondary windings

**Core material** Ferrite  
**Terminations** RoHS tin-silver over tin over nickel over phos bronze. Other terminations available at additional cost.  
**Weight** 23.8 g  
**Ambient temperature** –40°C to +85°C  
**Storage temperature** Component: –40°C to +85°C. Tray packaging: –40°C to +80°C  
**Resistance to soldering heat** Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles  
**Moisture Sensitivity Level (MSL)** 1 (unlimited floor life at <30°C / 85% relative humidity)  
**Packaging** 24 per tray  
**PCB washing** Tested with pure water or alcohol only. For other solvents, see Doc787_PCB_Washing.pdf.

<table>
<thead>
<tr>
<th>Part number</th>
<th>Inductance at 0 A¹ ±10% (µH)</th>
<th>Inductance at Ipk² min (µH)</th>
<th>DCR max (Ohms)²</th>
<th>Leakage inductance max (µH)</th>
<th>Turns ratio⁵</th>
<th>Ipk² (A)</th>
<th>Volt-time product typ (V µsec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA4060-AL</td>
<td>300</td>
<td>270</td>
<td>0.422</td>
<td>2.7</td>
<td>1:3</td>
<td>2.0</td>
<td>600</td>
</tr>
</tbody>
</table>

1. Inductance is measured at 100 kHz, 0.1 Vrms.  
2. Peak primary current drawn at minimum input voltage.  
3. DCR is with the windings connected in parallel.  
4. Leakage inductance is for both windings of the primary with the secondary windings shorted.

5. Turns ratios are with the primary and secondary windings connected in parallel.  

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**Recommended Land Pattern**

Dot indicates pin 1

- Primary windings and secondary windings to be connected in parallel on PC board.

**Dimensions**

- Parts manufactured prior to December 2011 may be marked differently.

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**Document 734** Revised 11/23/21