25W Flyback Isolated Inductors

**EPC3472G & EPC3472G-LF**

- Designed to work with Linear Tech. LTC4278
- Bobbin : UL94V-0 Recognized Materials
- Storage Temperature : -40°C to +125°C
- Operating Temperature : -40°C to + 85°C
- Class 130ºC Insulation System
- Duty Cycle : 62% Max.
- Switching Frequency : 250kHz
- Add “-LF” after part for Lead Free

**Electrical Parameters @ 25°C**

<table>
<thead>
<tr>
<th>Inductance (µH ± 5%) @ 100 KHz, 1.0 Vrms</th>
<th>DCR (mΩ Typ.)</th>
<th>Turns Ratio</th>
<th>Cw-w (pF Max.) @ 100 KHz, 1.0 Vrms</th>
<th>Leakage Inductance (µH Max.) @ 100 KHz, 1.0 Vrms</th>
<th>Dielectric Rating (Vrms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.0</td>
<td>13.5</td>
<td>280</td>
<td>2.6</td>
<td>10.375</td>
<td>1.075</td>
</tr>
<tr>
<td>Pri.</td>
<td>Pri.</td>
<td>Aux.</td>
<td>Sec.</td>
<td>Pri.:Sec.</td>
<td>Pri.:Aux.</td>
</tr>
</tbody>
</table>

**Package**

- 0.866 Max. (22.00)
- 0.453 Max. (11.51)
- 1.140 Max. (28.96)
- 0.028 (0.71)
- 0.004 (0.10)
- 0.079 (0.21)

**Schematic**

1. Lead Finish
   - SnPb
   - Hot Tin Dip (Sn) or SnCu
2. Peak Solder Rating (for wave solder process Only)
   - 225°C
   - 260°C
3. Weight
   - 13.5 grams
   - 13.5 grams
4. Packaging Information
   - 40 pcs / Tray
   - 150 pcs / Reel
   - 40 pcs / Tray
   - 150 pcs / Reel


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Unless Otherwise Specified Dimensions are in Inches /mm ± .010 / .25

Product performance is limited to specified parameters. Data is subject to change without prior notice.

CSC3472G & -LF Rev. 12 12-14-16

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