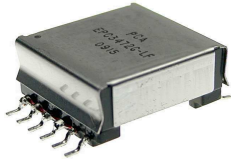


# 25W Flyback Transformer

## EPC3472G & EPC3472G-LF

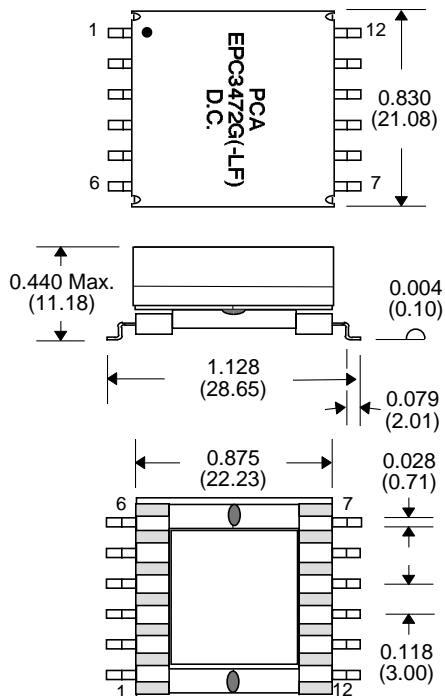


- Designed to work with Linear Tech. LTC4278
- Bobbin : UL94V-0 Recognized Materials
- Storage Temperature : -40°C to +125°C
- Operating Temperature : -40°C to +85°C
- Class 130°C Insulation System
- Duty Cycle : 62% Max.
- Switching Frequency : 250kHz
- Add "-LF" after part for Lead Free

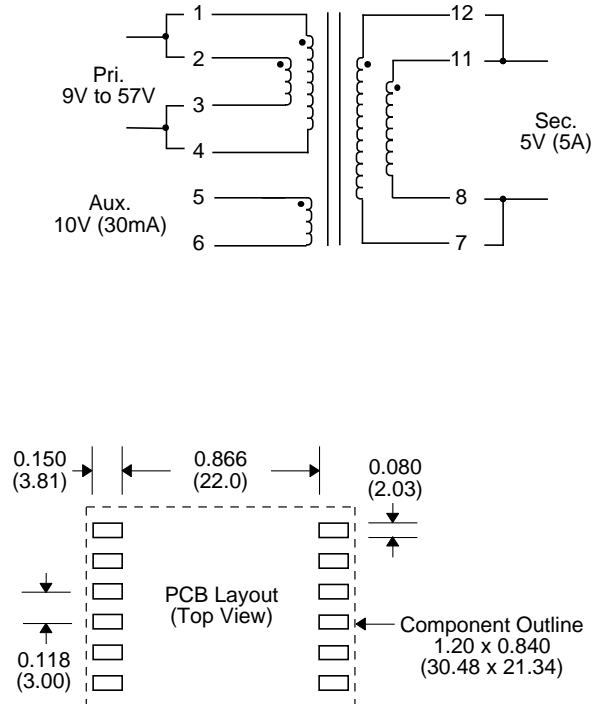
### Electrical Parameters @ 25° C

| Inductance<br>( $\mu\text{H} \pm 5\%$ ) | DCR<br>(m $\Omega$ Typ.) |      |      | Turns Ratio |           | Cw-w<br>(pF Typ.)     | Leakage Inductance<br>( $\mu\text{H}$ Max.) | Dielectric Rating<br>(Vrms) |
|---|--------------------------|------|------|-------------|-----------|-----------------------|---|-----------------------------|
|   | @ 100 KHz,<br>1.0 Vrms   |      |      |             |           |                       |   |                             |
| 9.0                                     | 13.5                     | 280  | 2.6  | 1:0.375     | 1:0.75    | 95                    | 0.25  | 1500                        |
|   | Pri.                     | Aux. | Sec. | Pri.:Sec.   | Pri.:Aux. | Pri. to Aux. and Sec. | Pri. w/ Aux. and Sec.<br>shorted            | Wdg. - Wdg.<br>Wdgs. - Core |

### Package



### Schematic



| Notes :   | EPC3472G      | EPC3472G-LF              |
|---|---------------|--------------------------|
| 1. Lead Finish  | SnPb          | Hot Tin Dip (Sn) or SnCu |
| 2. Peak Solder Rating<br>(for wave solder process Only) | 225°C         | 260°C                    |
| 3. Weight   | 13.5 grams    | 13.5 grams               |
| 4. Packaging Information (Tray)                         | 40 pcs / tray | 40 pcs / tray            |

Unless Otherwise Specified Dimensions are in Inches /mm  $\pm .010 / .25$