

## 25W Flyback Isolated Inductors

### EPC3472G & EPC3472G-LF

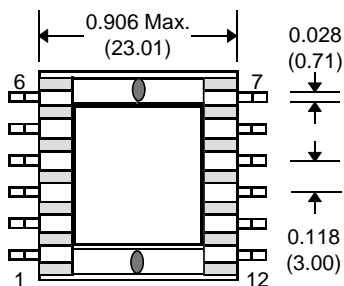
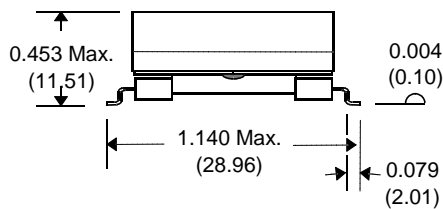
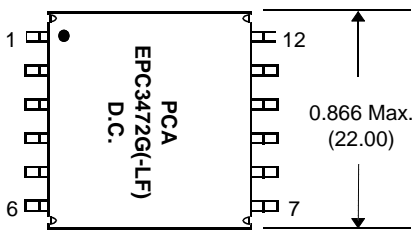


- Designed to work with Linear Tech. LTC4278
- Bobbin : UL94V-0 Recognized Materials
- Storage Temperature : -40°C to +125°C
- Operating Temperature : -40°C to + 85°C
- Class 130°C Insulation System
- Duty Cycle : 62% Max.
- Switching Frequency : 250kHz
- Add "-LF" after part for Lead Free

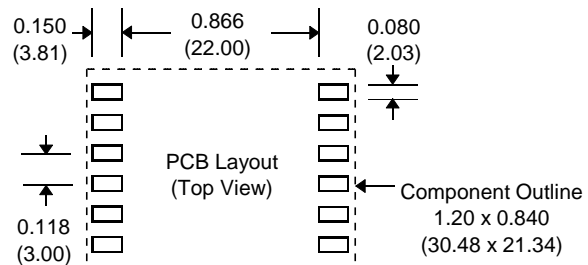
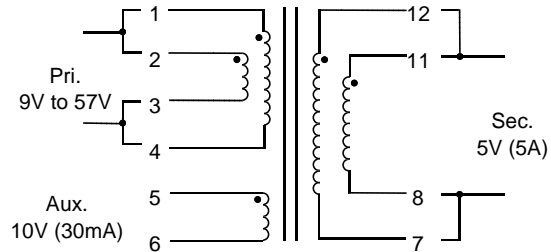
#### Electrical Parameters @ 25°C

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

#### Package



#### Schematic



Notes	EPC3472G	EPC3472G-LF
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	(Tray)	40 pcs / Tray
	(T&R)	150 pcs / Reel

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