

# PoE Synchronous Flyback Transformer

## EPC3408G-LF



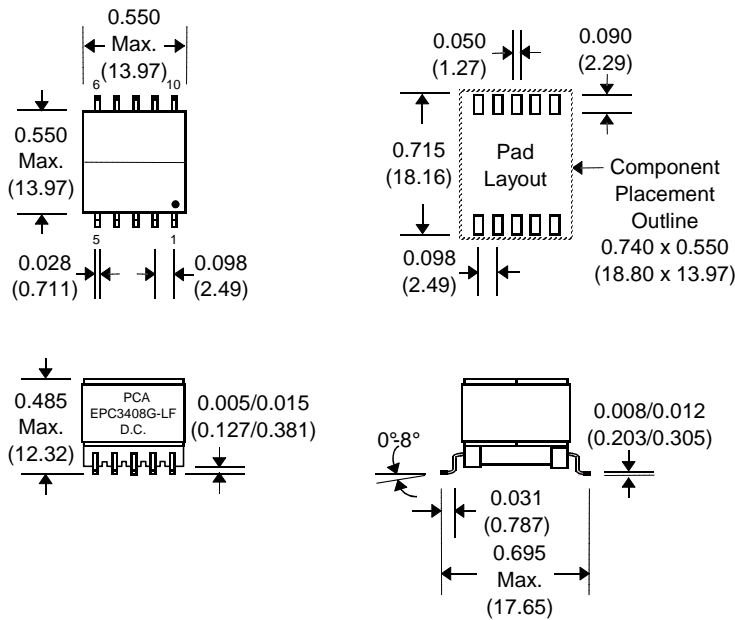
- Designed to work with LTC4269-1 and LT4276
- Storage Temperature : -40°C to +125°C
- Operating Temperature : -40°C to +85°C
- Small Size and Cost Effective
- Max. Duty Cycle : 42%
- Switching Frequency : 250KHz
- Output Power (Po) : 25 watts
- Lead Free

### Electrical Parameters @ 25°C

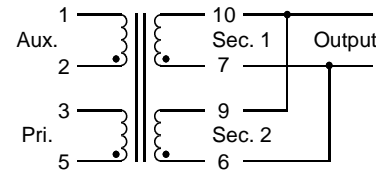
Primary OCL ( $\mu\text{H} \pm 10\%$ )	Input Voltage (Vdc)	Secondary Output	Auxiliary Output	Leakage Inductance ( $\mu\text{H Max.}$ )	Turns Ratio	DCR ( $\Omega$ Max.)		
						Pri.	Sec.	Aux.
@ 100 KHz, 1.0 Vrms				@ 100 KHz, 1.0 Vrms	Aux : Pri : Sec1:Sec2	Pri.	Sec.	Aux.
37.5	36-57	3.3 (7A)	12 (200 mA)	0.60	1:1.67:0.25:0.25	0.085	0.0065	0.09
Pins 3-5	Pins 3-5	Pins 10/9 - 7/6	Pins 1-2	Pins 3-5 with others shorted	Pins 1-2:3-5:10-7:9-6	Pins 3-5	Pins 9-6 or Pins10-7	Pins 1-2

- Isolation : 1500 Vrms (Wdg-Wdg, Wdgs to Core) •

### Package



### Schematic



Notes :	EPC3408G-LF
1. Lead Finish	Hot Dipped Sn or SnCu
2. Peak Solder Rating	245°C
3. Weight	6.6 grams
4. Packaging Information	Tape & Reel : 200 pieces/13" reel

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