

12.0W Flyback Isolated Inductor

EPC3648GE-LF

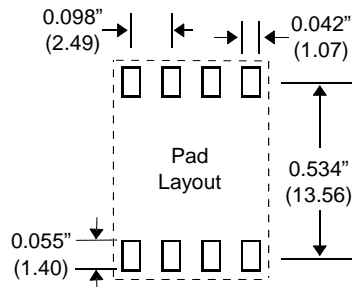
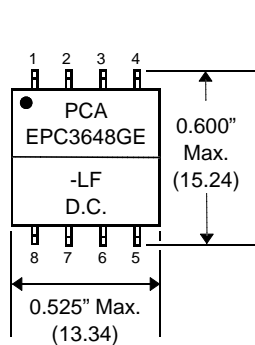


- Designed to work with Linear Tech. LT3574, LT3575, LT3748
- Bobbin : UL94V-0 Recognized Materials
- Storage Temperature : -40°C to +125°C
- Operating Temperature : -40°C to + 125°C
- Class 130°C Insulation System
- Switching Frequency : 100kHz

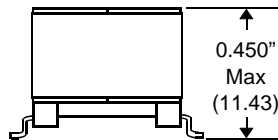
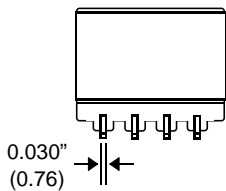
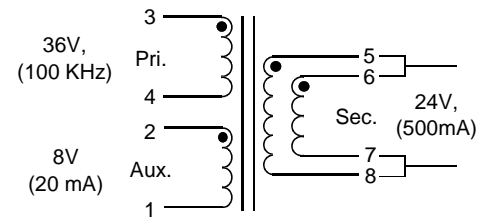
Electrical Parameters @ 25°C

Inductance ($\mu\text{H} \pm 10\%$)	Leakage Inductance ($\mu\text{H Max.}$)	DCR			Turns Ratio ($\pm 1\%$)		Dielectric Rating (VAC)	
		(Ω .Typ.)					1 minute	
@ 10 KHz, 100mVAC	@ 100 KHz, 100mVAC							
100	3.0	0.430	0.265	0.265	3 : 1	1 : 1	1500	500
Pins 3 - 4	Pins 3 - 4 with all other windings shorted	Pins 1-2	Pins 3-4	Pins 5/6 - 7/8	Pri.: Aux.	Pri.: Sec.	Pri., Aux. - Sec.	Pri. - Aux.

Package



Schematic



Notes :	EPC3648GE-LF
1. Lead Finish	Hot Tin Dip Sn or SnCu
2. Peak Solder Rating	260°C
3. Weight	4.4 grams
4. Packaging Information	Tape & Reel : TBD

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