

Forward Transformer

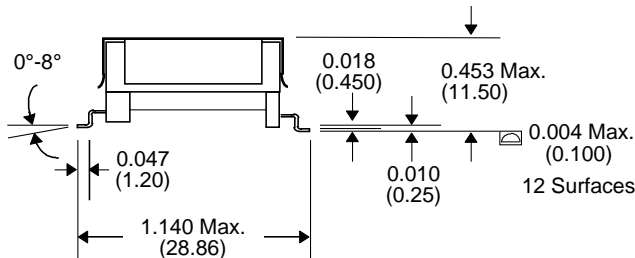
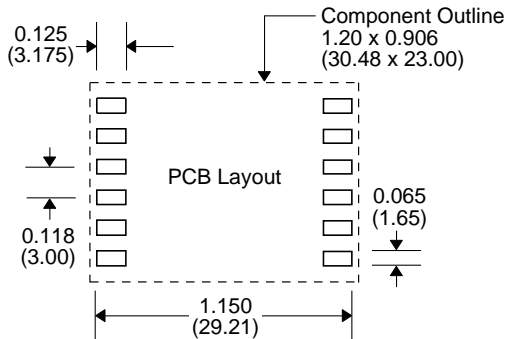
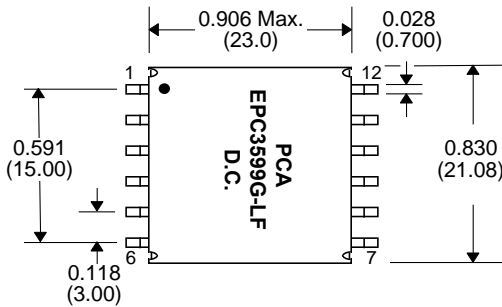
EPC3599G-LF

- 65W PoE Synchronous Forward Transformer
- Designed to work with LTC3725
- Lead free
- Class B Insulation System
- Switching Frequency: 250kHz
- Duty Cycle: 49% Max.
- Switching Ipeak: 4.5A
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +125°C

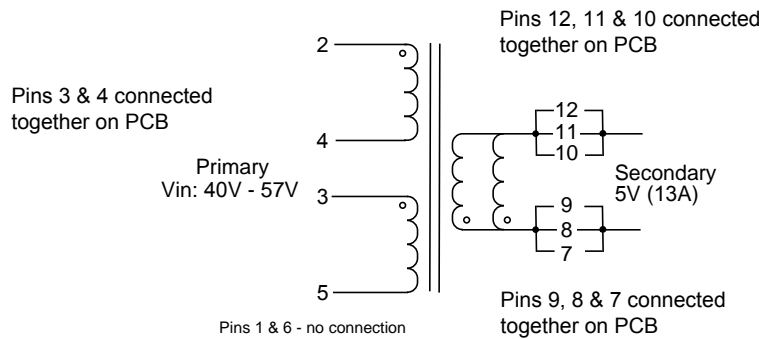
Electrical Parameters @ 25°C

Inductance ($\mu\text{H} \pm 15\%$)	Leakage Inductance (μH Max.)	Interwinding Capacitance (pF Max.)	DCR (m Max.)			Turns Ratio	Hipot (Vrms)	
			Primary	Aux.	Secondary		Wdgs. to Core	Pri. to Sec.
@100kHz, 1.0Vrms	@100kHz, 0.1Vrms	@100kHz, 0.1Vrms					60Hz, 60 secs	
240	0.75	120	22	-----	8	3.5:1	1500	1500
Primary	Prim. with Sec. shorted	Prim. to Sec.	Primary	Aux.	Secondary	Prim. : Sec.	Wdgs. to Core	Pri. to Sec.

Package



Schematic



Notes	EPC3599G-LF
1. Lead Finish	Pb-Free
2. Peak Solder Rating	260°C
3. Weight	14.6 grams
4. Packaging Information (Tray)	40 pcs./ Tray

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