

PoE Forward Transformer

EPC3702G-LF



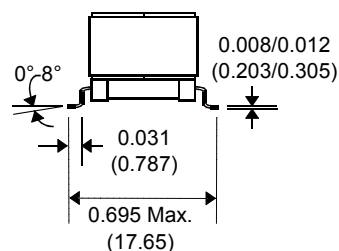
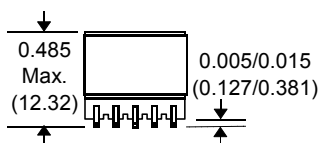
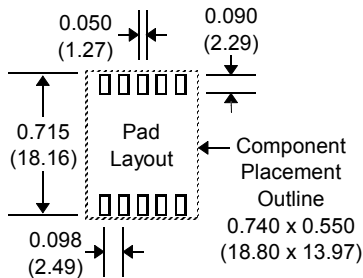
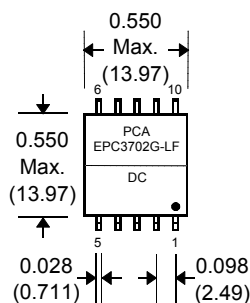
- Designed to work with Maxim MAX5974A
- Storage Temperature : -40 °C to +125 °C
- Operating Temperature : -40 °C to +85 °C
- Small Size and Cost Effective
- Lead Free

Electrical Parameters @ 25 °C

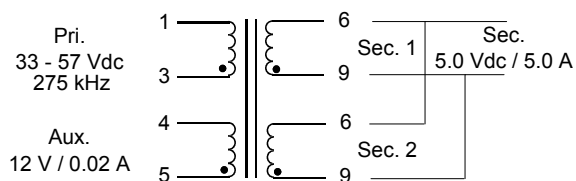
Primary OCL ($\mu\text{H} \pm 10\%$)	Input Voltage (Vdc)	Secondary Output	Auxiliary Output	Leakage Inductance (μH Max.)	Turns Ratio	DCR (Ω Max.)		
@ 100 KHz, 1.0 Vrms				@ 100 KHz, 1.0 Vrms				
96	33-57	5 Vdc (5 A)	N/A	0.40	3.6 : 2.4 : 1	0.100	0.007	670
Pins 1-3	Pins 1-3	Pins 6/7 - 7/10		Pins 1-3 with sec. shorted	Pri : Aux. : Sec.	Pri.	Sec.	Aux.

- Isolation : 1650 Vrms (Pri./Aux. - Sec, Wdgs to Core) •

Package



Schematic



Notes :	EPC3702G-LF
1. Lead Finish	Hot Dipped Sn or SnCu
2. Peak Solder Rating	245 °C
3. Weight	5.6 grams
4. Packaging Information	Tape & Reel : 200 pieces/13" reel

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