PCA ELECTRONICS INC.

PoE Flyback Transformer

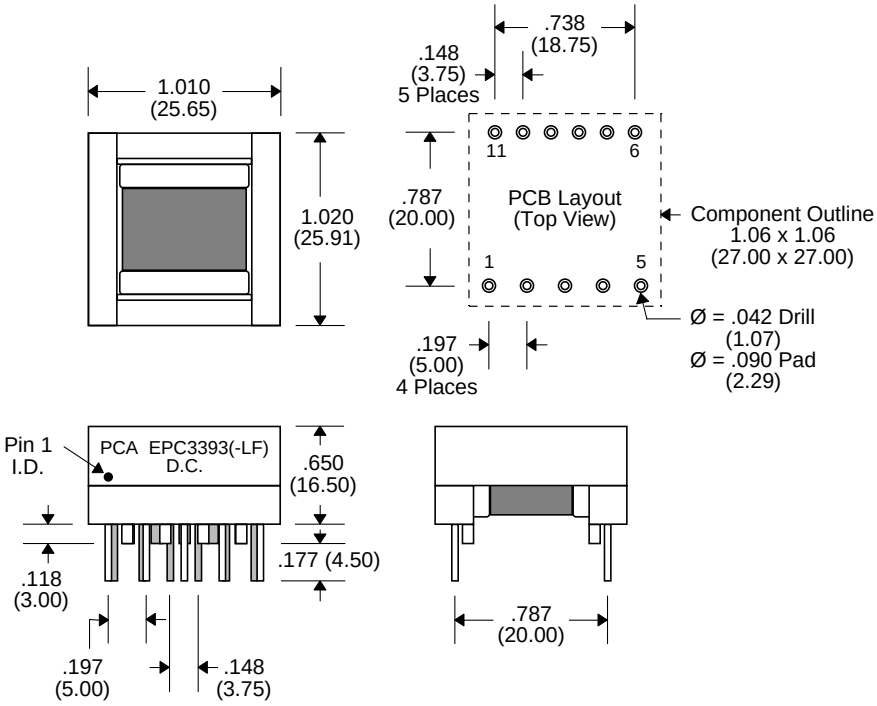
EPC3393 & EPC3393-LF

- 45W PoE Application
- Designed to work with LT1725
- Used in Flyback Topology Converter
- Bobbin : UL94V-0 Recognized Materials
- UL 1446 Class B Insulation System
- Duty Cycle : 50% Max.

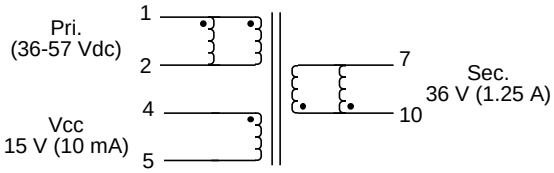
Electrical Parameters @ 25° C

Inductance (µH ± 10%)	**DCR** (Ω Typ.)			**Turns Ratio**		**Leakage Inductance** (µH Max.)	**Dielectric Rating** (Vrms)
@ 100 KHz, 1.0 Vrms						@ 100 KHz, 1.0 Vrms	
42	0.020	0.308	0.020	2.4:1	1:1	1.0	1500
Pins 1-2	Pins 1-2	Pins 4-5	Pins 7-10	Pins 1-2:4-5	Pins 1-2:7-10	Pins 1-2 All other wdg's shorted	Wdg's - Wdg's Wdg's - Core

Package



Schematic



Notes :	**EPC3393**	**EPC3393-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	21.6 grams	21.6 grams
4. Packaging Information (Tube)	20 pcs / tube	20 pcs / tube

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

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Product performance is limited to specified parameters. Data is subject to change without prior notice.

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