

P/N: JL2018	Applica: PFC inductor, 1.37mH/2A	Rev: 0	Date: 11-24-04	Page: 1 of 1	Name: Jin Zihui
Change	Bobbin size change	Rev: 1	Date: 06-20-06	Page: 1 of 1	Name: Jin Zihui
	Pin Description Change	Rev: 2	Date: 12-27-08	Page: 1 of 1	Name: Jin Zihui

Table 1: Electrical Specifications at 25 °C.

PARAMETER	SPECIFICATION LIMITS			UNITS
	MIN	TYP	MAX.	
Coil 1 Inductance (1—5) @ 250 mVrms @ 100 KHz	1.165 mH	1.37 mH	-----	mH
Design Parameters: Switching Frequency	-----	150	-----	KHz
DCR (MAX) Coil 1 (1-5) Coil 2 (10-6)	----- -----	----- -----	1.00 0.1	Ohm

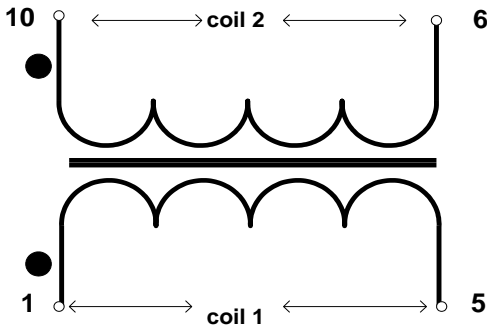


Figure 1: Schematic Diagram

Note:

1. All materials meet UL94V-0 and are non-flammable.
2. All materials rated 130 °C.
3. Dimensions in inch, .XX±0.03.
4. All hipot voltage is AC VOLTS RMS specified below at 60 Hz.
The leakage current doesn't exceed 15 µA rms .
A. 1500V rms mini from (1&5) with respect to (6&10).
B. 1500V rms mini from any pin of coil to core

Figure 2: Physical Dimensions in inch.

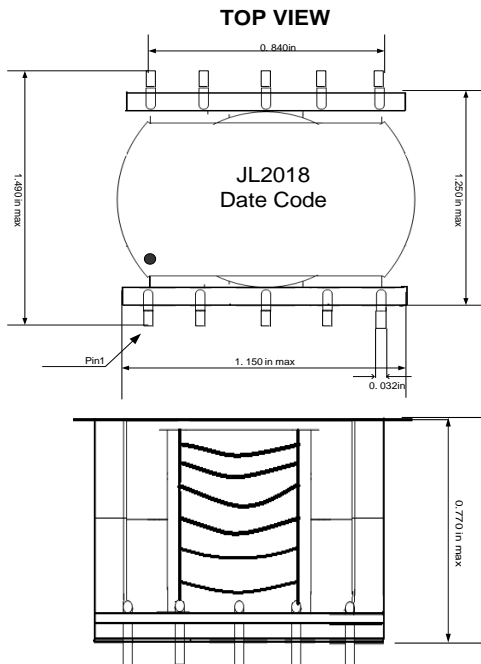


Figure 3: Inductor foot print

