

JL Magnetics Co. 14111 Freeway Drive, Suite 300, Santa Fe Springs, CA 90670

Tel: 562-407-9329 Fax: 562-404-4115 Email: engineering@jliindustry.com

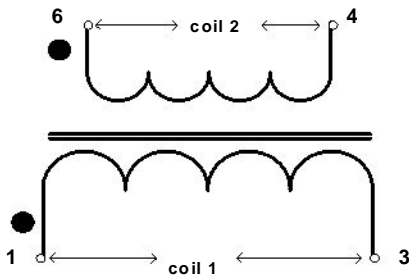
P/N: JL2042	Applica: PFC Boost Inductor, 1.48mH/3A	Rev: new	Date: 11-24-04	Page: 1 of 1	Name: Jin Zhihui
	Change bobbin pin from 0.20" to 0.28"	Rev: 1	Date: 1-25-13	Page: 1 of 1	Name: John

JL2042

Table 1: Electrical Specifications at 25 °C.

PARAMETER	SPECIFICATION LIMITS			UNITS
	MIN	TYP	MAX.	
Coil 1 Inductance (1—3) 100 mVrms @ 1.0 KHz	1.258	1.48	-----	mH
Design Parameters: Switching Frequency	-----	150	-----	kHz
DCR (MAX) Coil 1 (1-3) Coil 2 (6-4)	----- -----	----- -----	300 120	mO (mOhm)

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 are AC VOLTS RMS specified below at 60 Hz.
The leakage current doesn't exceed 250 µA rms.
A. 1500V rms mini from (1&3) with respect to (6&4).
B. 1500V rms mini from any pin of coil to core

Figure 2: Physical Dimensions in inch.

