**RLC circuit**

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Figure 1. Circuit Schematic

R: 2 Ω 15W ±1%

L: 1 mH 1.8A ±15%

C: 680 µF 16v ±20%

Vin: 5vrms, variable waveform

Components mounted to 30mm circular perforated board (see Fig 2). Board secured inside of 30mm ID pvc tube, open on ends, positioned vertically

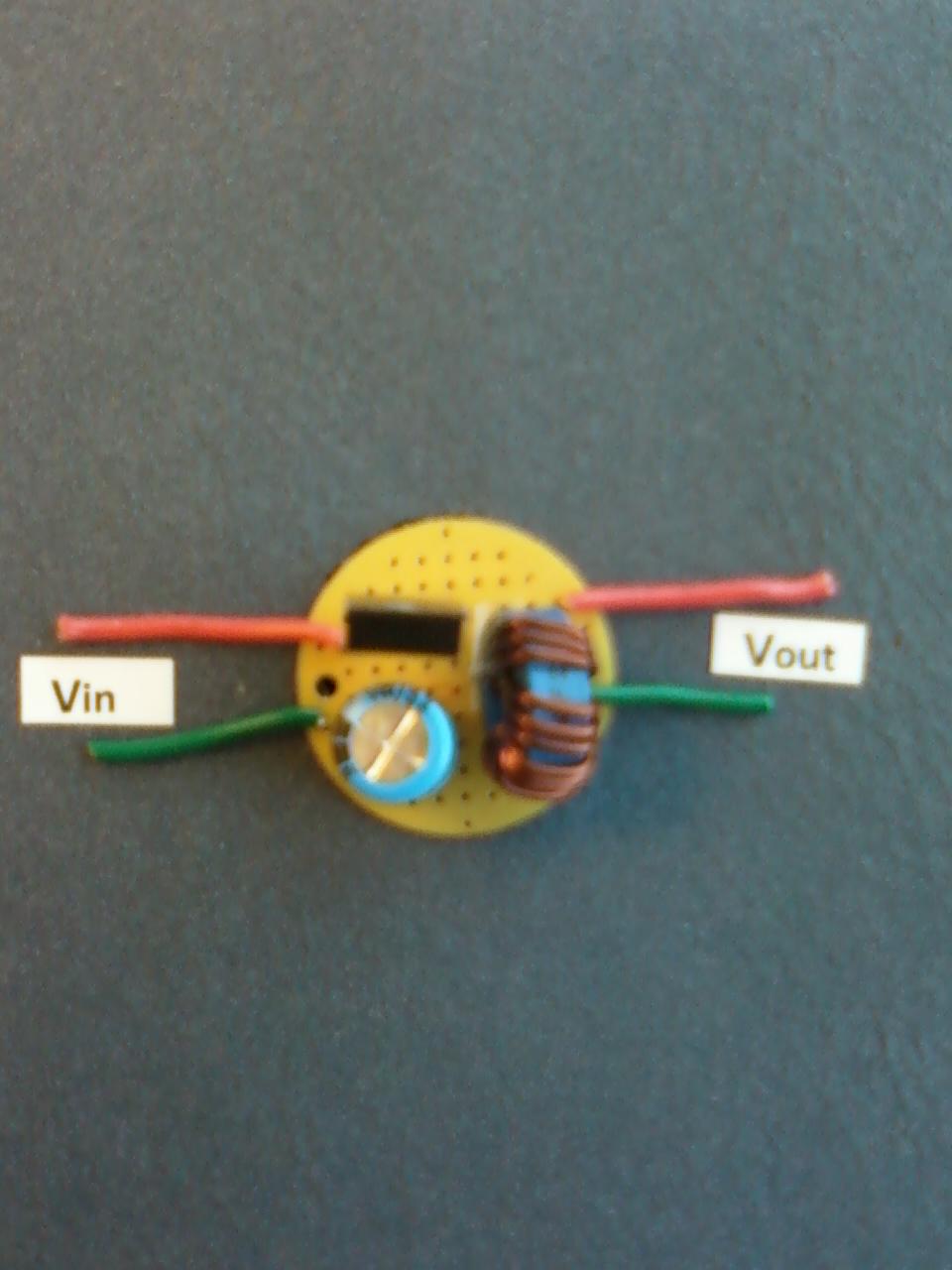


Figure 2. Example Layout