

G . Fast Transformer

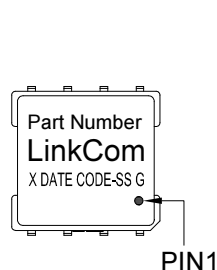
- Designed to meet UL 60950-1 and IEC 60950-1 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to 85°C

Electrical Specifications @25°C

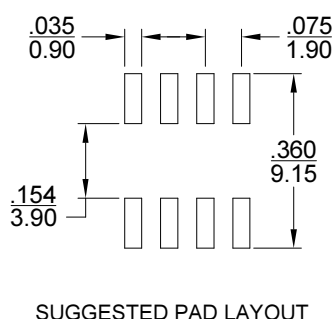
Inductance:	PIN 1-4 = 10uH $\pm$ 10% @ 10KHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance:	PIN 1-4 = 0.25uH typ. @ 100KHz/0.1V (PIN 2-3, PIN 5-6-7-8 Short)
Interwinding Capacitance	PIN 1-8 = 20pF Max. @ 100KHz/0.1V (PIN 1-2-3-4, PIN 5-6-7-8 Short)
THD	PIN 1-4 to PIN 8-5 = -70dB ref. @ 30KHz/2Vrms (PIN 2-3,PIN 6-7 Short)
D.C.R	PIN 1-4 = 550 mohm Max (PIN 2-3 Short)
	PIN 8-5 = 550 mohm Max (PIN 6-7 Short)
Turn Ratio:	PIN 1-4 : PIN 8-5 = 1 $\pm$ 2% : 1(PIN 2-3,PIN 6-7 Short)
Hi-POT	PRI. – SEC. = 1875VAC/60Hz/2Sec/1mA

Dimensions

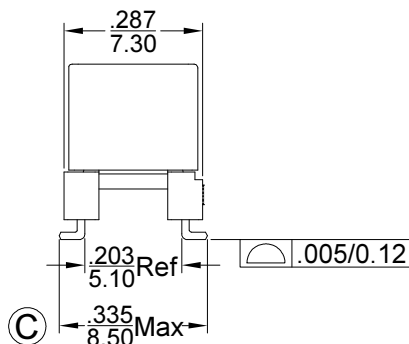
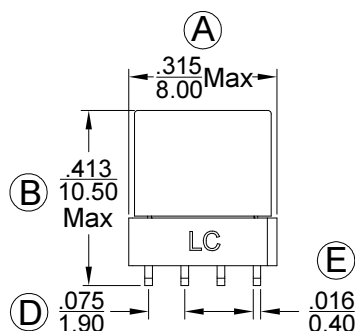
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



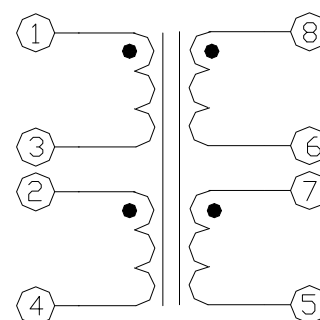
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

- 1.Part Number----LGT1502
2. X----PRODUCT LINE OR BLANK
3. DATE CODE----YYWW
- 4.SS----50 OR BLANK
5. G----RoHS