

G . hn Transformer

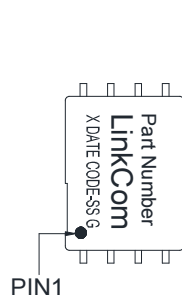
- RoHS Compliant
- Operating Temperature -40°C to +85°C
- 1.4dB Max. of insertion loss on 2 - 80MHz

Electrical Specifications @25°C

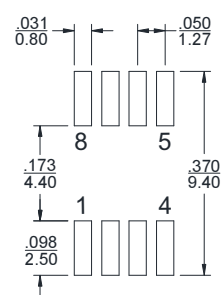
Inductance	PIN 1-2 = 8.0uH min. @ 10KHz/0.1V/Series
	PIN 3-4 = 30.0uH min. @ 10KHz/0.1V/Series
	PIN 5-6 = PIN 7-8 = 8.0uH min. @ 10KHz/0.1V/Series
Leakage Inductance	PIN 5-8 = 0.5uH Max. @ 100KHz/0.1V (PIN 6-7, PIN 3-4 Short)
Interwinding Capacitance	PIN 1-8 = 8.0pF Max. @ 100KHz/0.1V (PIN 2-3, PIN 6-7 Short)
D.C.R.	PIN 1-2 = 0.100 ohm Max.
	PIN 3-4 = 0.150 ohm Max.
	PIN 5-8 = 0.100 ohm Max.
	PIN 7-8 = 0.100 ohm Max.
Turn Ratio	PIN 5-8 : PIN 1-2 = 2±3% : 1 (PIN 6-7 Short)
	PIN 5-8 : PIN 3-4 = 1±3% : 1 (PIN 6-7 Short)
HI-POT	PRI. – SEC. = 1500VAC/60Hz/60Sec/0.5mA

Dimensions

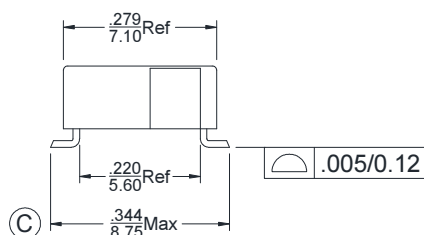
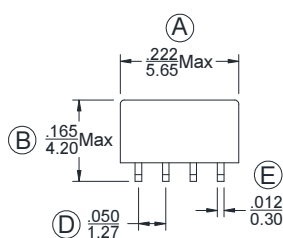
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm\frac{.010}{0.25}$)



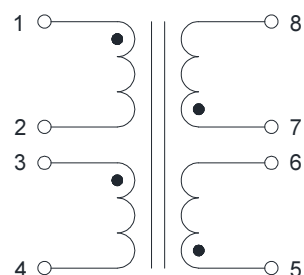
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

- 1.Part Number----LTC0587
2. X----PRODUCT LINE OR BLANK
3. DATE CODE----YYWW
- 4.SS----50 OR BLANK
5. G----RoHS

Package info

LTC0587-50R – Tape reel