

xDSL Transformer

- RoHS Compliant
- Operating Temperature -40°C to +85°C
- Low Insertion Loss:
0.3dB max. at 250KHz, 1.2dB max. at 17MHz, 1.5dB max. at 20MHz, 2.5dB max. at 30MHz,
3.0dB max. at 35MHz

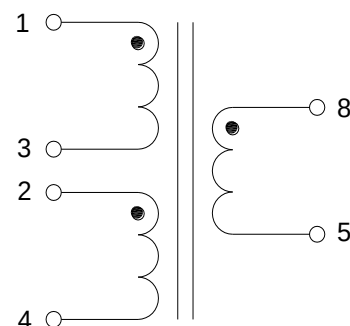
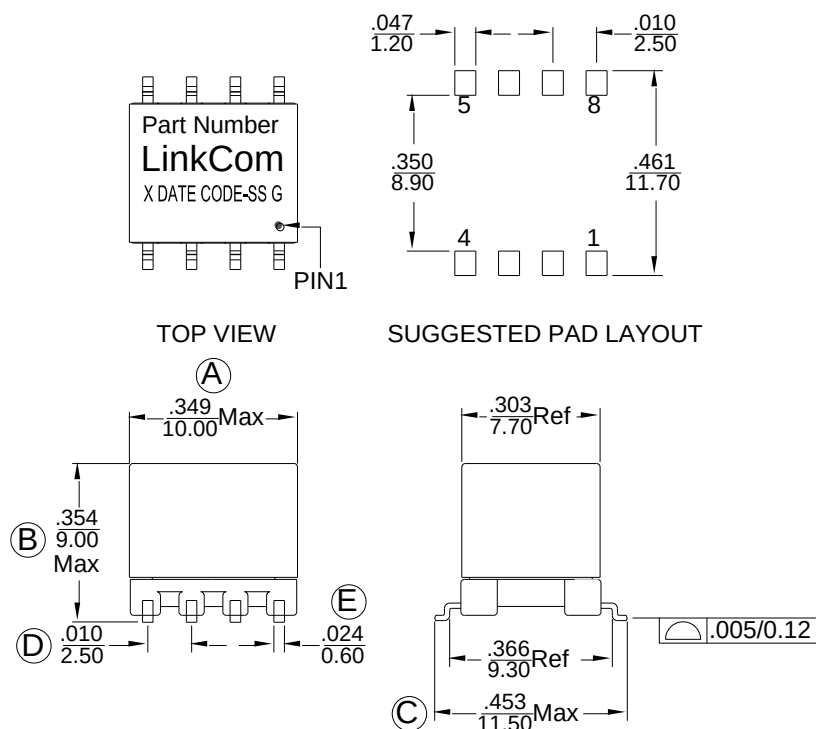
Electrical Specifications @25°C

Inductance:	PIN 1-4 = 400uH Min. @ 100KHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance:	PIN 1-4 = 1.20uH Max. @ 100KHz/0.1V (PIN 2-3, PIN 5-8 Short)
Interwinding Capacitance	PIN 1-8 = 50pF Max. @ 100KHz/0.1V (PIN 1-2-3-4, PIN 5-8 Short)
THD	PIN 1-4 to PIN 8-5 = -83dB Max. @ 25KHz/1.7V (PIN 2-3 Short)
D.C.R	PIN 1-4 = 2.4 ohm Max. (PIN 2-3 Short)
	PIN 8-5 = 1.3 ohm Max.
Turn Ratio:	PIN 1-4 : PIN 8-5 = 2±2% : 1(PIN 2-3 Short)
Hi-POT	PRI. – SEC. = 1875VAC/60Hz/2Sec/0.5mA

Dimensions

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

Schematic



Mark

1. Part Number---LAL1037
2. X---PRODUCT LINE OR BLANK
3. DATE CODE---YYWW
4. SS---61 OR BLANK
5. G---RoHS

There shall be no breakdown between winding 1,2,3,4 & 5,6,7,8 when tested according to ITU-T K.21:2017 enhanced level 6KV,per 2.1.1.b using the test procedures of K.44:2017

Package info

LAL1037-61R—Tape Reel