

xDSL Transformer

- RoHS Compliant
- Operating Temperature -40°C to +85°C

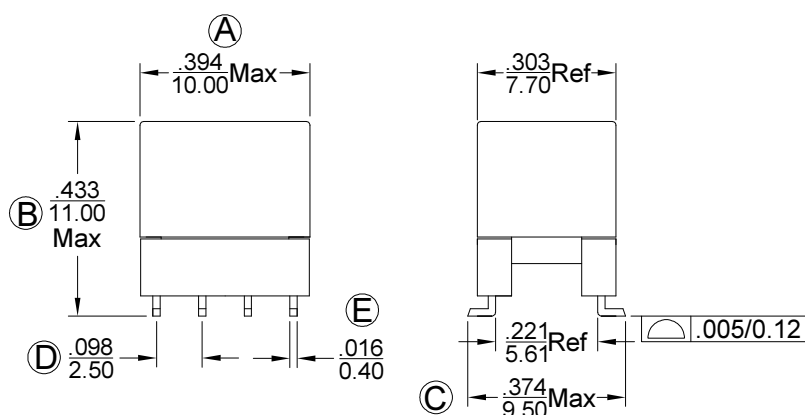
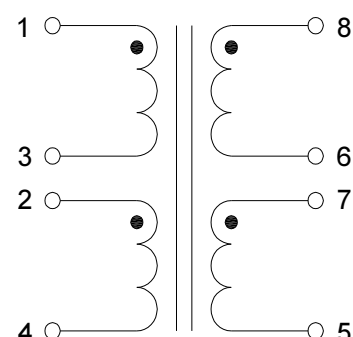
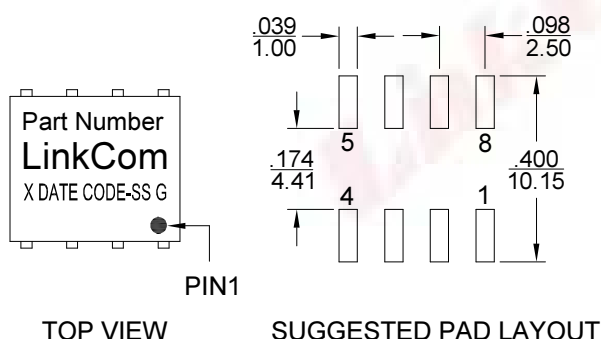
Electrical Specifications @25°C

Inductance:	PIN 1-4 = 10uH $\pm 5\%$ @ 10kHz/0.1V/Series (PIN 2-3, PIN 6-7 Shorted)
Leakage Inductance:	PIN 1-4 = 1.2uH Max. @ 100kHz/0.1V (PIN 2-3, PIN 5-6-7-8 Shorted)
Interwinding Capacitance	PIN 1-8 = 20pF Max. @ 100kHz/0.1V (PIN 1-2-3-4, PIN 5-6-7-8 Shorted)
THD	PIN 1-4 to PIN 8-5 = -70dB Max. @ 30kHz/3Vrms (PIN 2-3, PIN 6-7 Shorted)
D.C.R	PIN 1-4 = 650 mohm Max. (PIN 2-3 Short)
	PIN 8-5 = 550 mohm Max. (PIN 6-7 Short)
Turn Ratio:	PIN 1-4 : PIN 8-5 = $2 \pm 4\%$: 1 (PIN 2-3, PIN 6-7 Shorted)
Hi-POT	PRI. – SEC. = 1875VAC/60Hz/2Sec/1mA

Dimensions

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

Schematic



Mark

1. Part Number----LAL1038
2. X----PRODUCT LINE OR BLANK
3. DATE CODE----YYWW
4. SS----60 OR BLANK
5. G----RoHS

Package info

LAL1038-60R—Tape Reel

There shall be no breakdown between winding 1,2,3,4 & 7,8,9,10 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