

xDSL Transformer

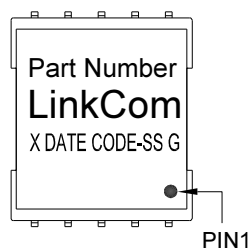
- Designed to meet UL 60950-1 and IEC 60950-1 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to +85°C

Electrical Specifications @25°C

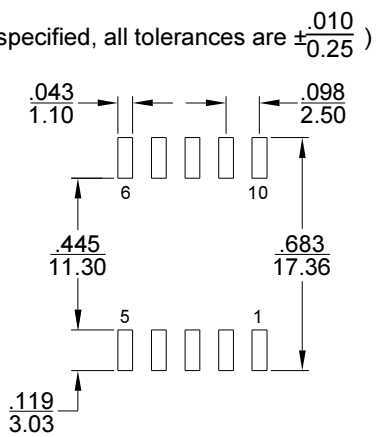
Inductance:	PIN 1-4 = 270uH $\pm$ 10% @ 10KHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance:	PIN 1-4 = 0.8uH $\pm$ 20% @ 1MHz/0.1V (PIN 2-3, PIN 7-8-9-10 Short)
Interwinding Capacitance:	PIN 1-10 = 80pF $\pm$ 30% @ 100KHz/0.1V (PIN 1-2-3-4, PIN 7-8-9-10 Short)
Turn Ratio:	PIN 1-4 : PIN 10-7 = 2.0 $\pm$ 2% : 1 (PIN2-3,PIN8-9 Short)
T.H.D.:	PIN 1-4 to PIN 10-7= -90dB Max. @ 25KHz/2Vp (PIN 2-3,PIN 8-9 Short) PIN 1-4 to PIN 10-7= -85dB Max. @ 25KHz/5.5Vp (PIN 2-3,PIN 8-9 Short)
D.C.R.:	PIN 1-4 = 1.5 ohm $\pm$ 20%
	PIN 7-10 = 0.75 ohm $\pm$ 15%
Hi-POT :	PRI. – SEC. =1875VAC/60Hz/1Second/1mA

Dimensions

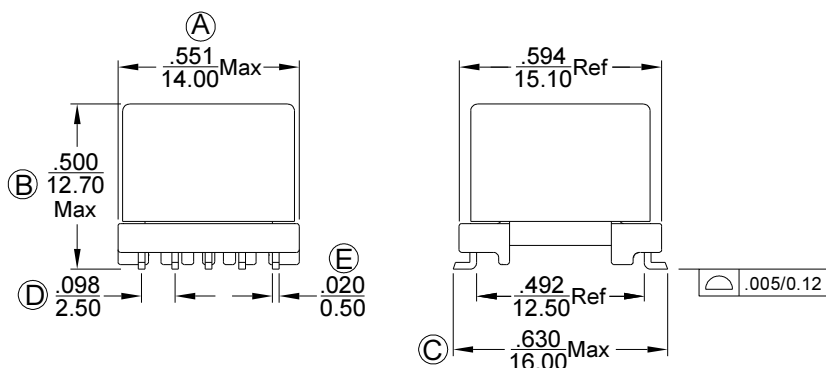
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



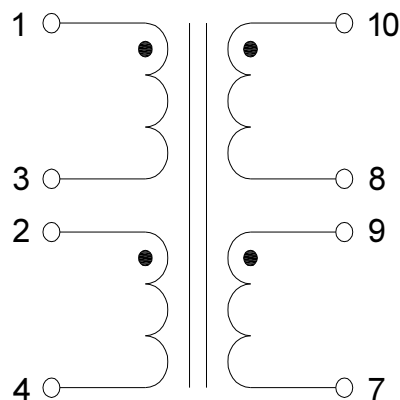
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1. Part Number----LAL0530
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 OR BLANK
5. G----RoHS

Package info

LAL0530-50R—Tape Reel