

xDSL Transformer

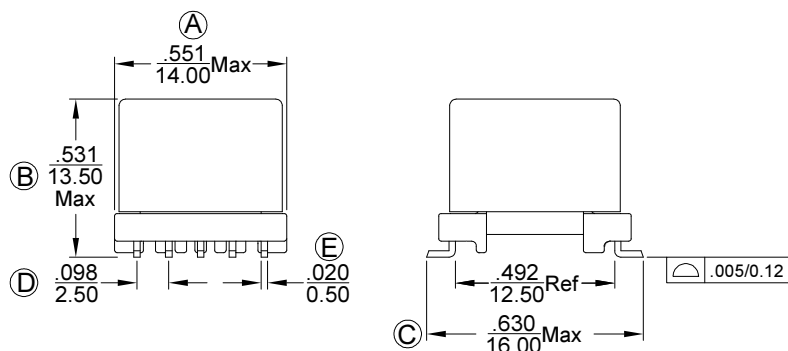
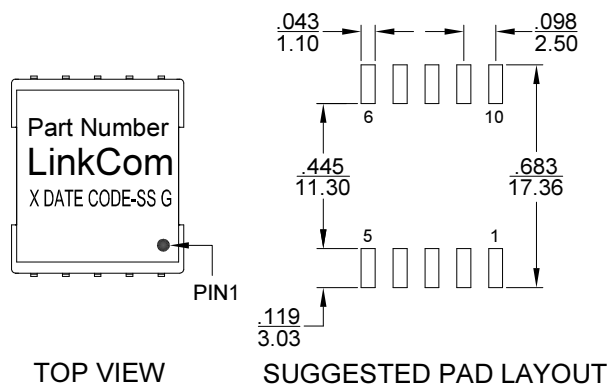
- Designed to meet UL 60950-1 and IEC 60950-1 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to +85°C

Electrical Specifications @25°C

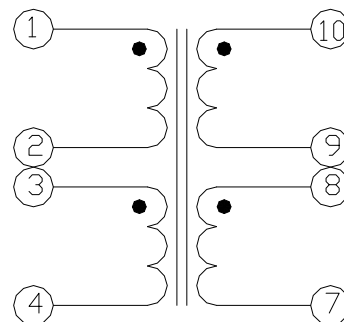
Inductance:	PIN 1-4 = 1.4mH $\pm$ 10% @ 10KHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance:	PIN 1-4 = 1.1uH Max. @ 1MHz/0.1V (PIN 2-3, PIN 7-8-9-10 Short)
Interwinding Capacitance	PIN 1-10 = 150pF Max. @ 100KHz/0.1V (PIN 1-2-3-4, PIN 7-8-9-10 Short)
Turn Ratio:	PIN 1-4 : PIN 10-7 = 2.0 $\pm$ 2% : 1 (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 = 1.80 ohm Max. (PIN2-3 short)
	PIN 10-7 = 1.25 ohm Max. (PIN8-9 short)
Hi-POT :	PRI. – SEC. =1875VAC/60Hz/1Second/1mA

Dimensions

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



Schematic



Mark

- Part Number----LAL0520
- X----PRODUCT LINE or BLANK
- DATE CODE----YYWW
- SS----60 OR BLANK
- G----RoHS

There shall be no breakdown between winding 1,2,3,4 & 7,8,9,10 when tested according to ITU-T K.21:2011 enhanced level 6KV,per 2.1.1.b using the test procedures of K.44:2012