LinkCom Manufacturing Co.,Ltd

LAL0582-60P

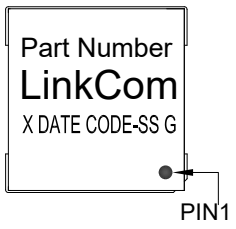
xDSL Transformer

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

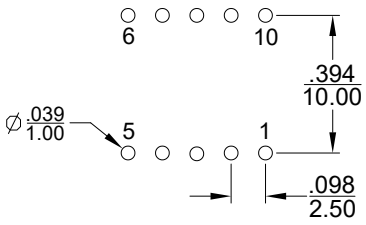
Electrical Specifications @25℃	
Inductance	PIN 1-4 = 450uH min. @ 10kHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance	PIN 1-4 = 1.0uH Max. @ 100kHz/0.1V (PIN 2-3, PIN 7-8-9-10 Short)
Interwinding Capacitance	PIN 1-10 = 60pF Max. @ 100kHz/0.1V (PIN 1-2-3-4, PIN 7-8-9-10 Short)
THD	PIN 1-4 to PIN 10-7= –82dB typ. @ 30kHz/3Vrms (PIN 2-3,PIN 8-9 Short)
D.C.R	PIN 1-4 = 1.5 ohm Max. (PIN 2-3 Short)
	PIN 7-10 = 0.4 ohm Max. (PIN 8-9 Short)
Turn Ratio	PIN 1-4 : PIN 10-7 = 2.5±3% : 1 (PIN 2-3,PIN 8-9 Short)
HI-POT	PRI. – SEC. = 1875VAC/60Hz/1Sec

Dimensions

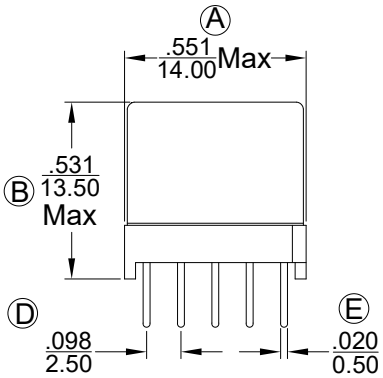
(Units: Inches / mm , Unless otherwise specified, all tolerances are ±.010 / 0.25)

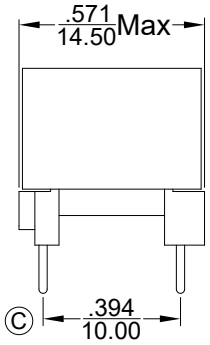


TOP VIEW



SUGGESTED PAD LAYOUT

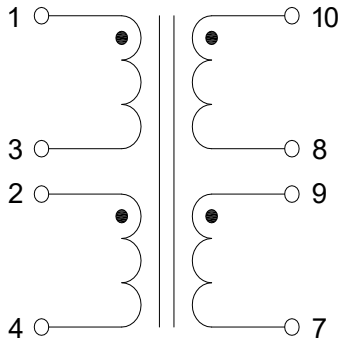




There shall be no breakdown between winding 1,2,3,4 & 7,8,9,10 when tested according to ITU-T K.21:2019 enhanced level 6KV,per 2.1.1.b using the test procedures of K.44:2019

Round pins and square pins do not affect electrical characteristics

Schematic



Mark

1.Part Number----LAL0582

2. X----PRODUCT LINE OR BLANK

3. DATE CODE----YYWW

4.SS----60 or BLANK

5. #----G means RoHS

Package info

LAL0582-60**P** - Tray