LinkCom Manufacturing Co.,Ltd

LAL0576-60

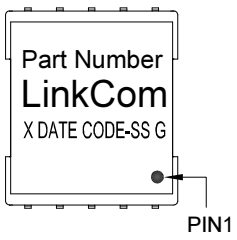
xDSL Transformer

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

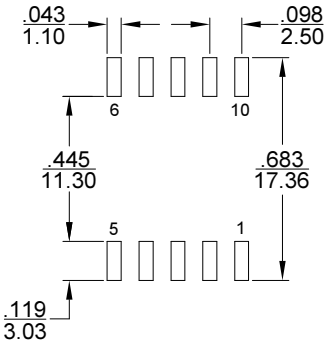
Electrical Specifications @25℃	
Inductance	PIN 1-4 = 250uH ±7% @ 10KHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance	PIN 1-4 = 1.7uH Max. @ 1MHz/0.1V (PIN 2-3, PIN 7-8-9-10 Short)
	PIN 10-7 = 600nH Max. @ 1MHz/0.1V (PIN 10-7, PIN 1-2-3-4 Short)
Turn Ratio	PIN 1-4 : PIN 10-7 = 2.0±2% : 1 (PIN2-3,PIN8-9 Short)
T.H.D.	PIN 1-4 to PIN 10-7= –86dB Max. @ 30KHz/3V (PIN 2-3,PIN 8-9 Short)
D.C.R.	PIN 1-4 = 2.6ohm Max. (PIN2-3 short)
	PIN 10-7 = 2.0ohm Max. (PIN8-9 short)
Hi-POT	PRI. – SEC. =1875VAC/60Hz/1Second/1mA

Dimensions

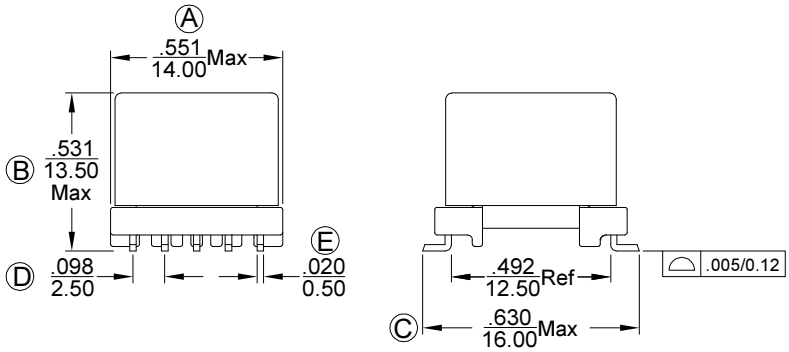
(Units: Inches / mm , Unless otherwise specified, all tolerances are ± .010 / 0.25)



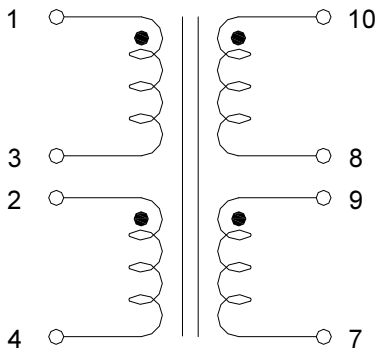
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1.Part Number----LAL0576

2. X----PRODUCT LINE or BLANK

3. DATE CODE----YYWW

4. SS----60 OR BLANK

5. 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