LinkCom Manufacturing Co.,Ltd

LAL0562-71P

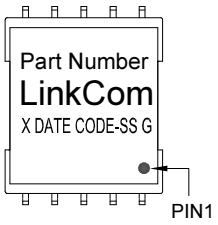
xDSL Transformer

- Designed to meet UL 62368-1 and IEC 62368-1 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to +85°C

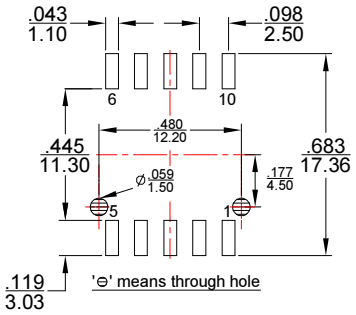
Electrical Specifications @25℃	
Inductance	PIN 1-4 = 400uH ±7% @ 10KHz/0.1V/Series (PIN 2,3 shorted)
Leakage Inductance	PIN 1-4 = 1.0uH Max. @ 1MHz/0.1V (PIN 2,3 shorted; 7,8,9,10 shorted)
Turn Ratio	PIN 1-4 : PIN 10-7 = 2.0±2% : 1 (PIN 2,3 shorted; 8,9 shorted)
T.H.D.	PIN 1-4 to PIN 10-7= –86dB Max. @ 30KHz/3V (PIN 2,3 shorted; 8,9 shorted)
D.C.R.	PIN 1-4 = 1.50 ohm Max. (PIN 2,3 shorted)
	PIN 10-7 = 1.20 ohm Max. (PIN 9,8 shorted)
Hi-POT :	PRI. – SEC. = 3750VAC/60Hz/1Second/1mA

Dimensions

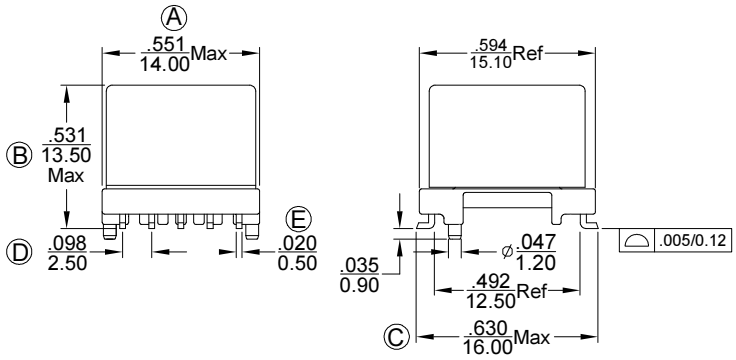
(Units: mm, Unless otherwise specified, all tolerances are ±0.25)



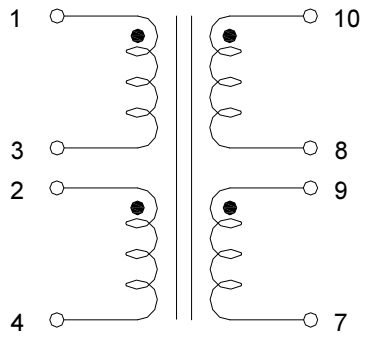
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1.Part Number----LAL0562

2. X----PRODUCT LINE or BLANK

3. DATE CODE----YYWW

4. SS----71 OR BLANK

5. G----RoHS

Package info

LAL0562-71P—Tray

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