Specification and Dimension

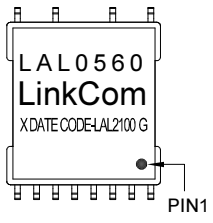
xDSL Transformer

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

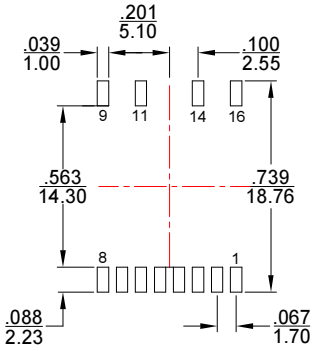
Electrical Specifications @25℃	
Inductance:	PIN 16-9 = 400 uH ±10% @ 10KHz/0.1V/Ser. (PIN 11-14 Short)
Leakage Inductance:	PIN 16-9 = 1.50 uH Max. @ 100KHz/0.1V (PIN11-14,PIN1-2-3-4,5-6-7-8Short)
D.C.R.:	PIN 1-4 = 0.25 ohm Max. (PIN1-2,3-4 Short)
	PIN 5-8 = 4.5 ohm Max. (PIN6-7 Short)
	PIN 16-9 = 3.0 ohm Max. (PIN11-14 Short)
T.H.D.:	PIN16-9 :PIN1-4 = -85 dB Max. @ 30KHz/3V (PIN11-14, PIN1-2,3-4)
Hi-POT :	PRI. – SEC. = 1875VAC/1Second/1mA
Turn Ratio:	PIN16-9 : PIN 1-4 = 4.25±2% :1 (PIN11-14, PIN1-2,3-4 Short)
	PIN16-9 : PIN 5-8 = 1±2% :1 (PIN11-14,PIN6-7 Short)

Dimensions

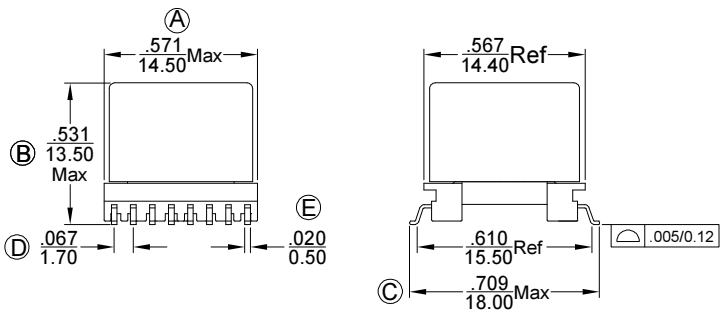
(Units: Inches / mm , Unless otherwise specified, all tolerances are ±.010 / 0.25)



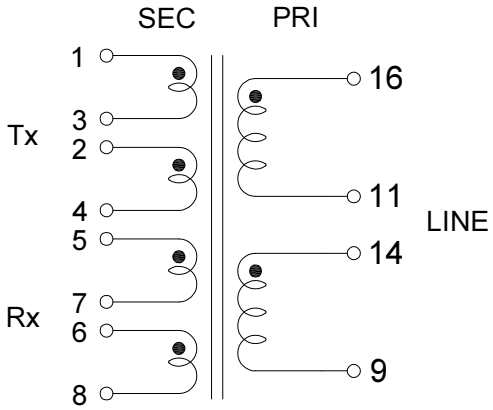
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1.LAL0560

2. X----PRODUCT LINE or BLANK

3. DATE CODE----YYWW

4. LAL2100----Safety part no.

5. G----RoHS

There shall be no breakdown between winding 1,3,2,4,5,7,6,8& 16,11,14,9 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