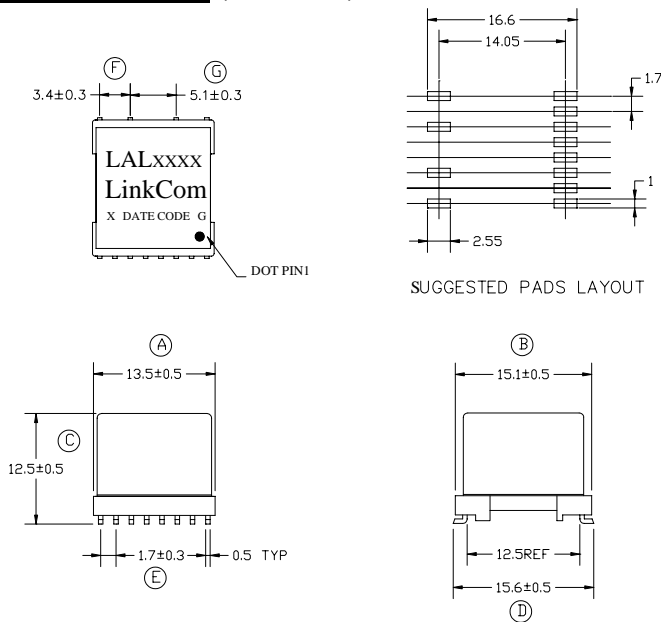


Broadband Access Transformer

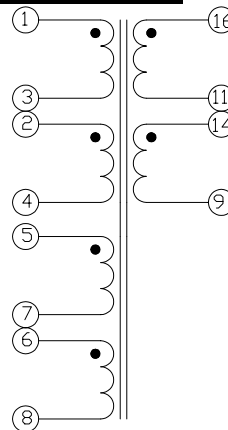
- Designed to meet UL 60950 and EN 60950 requirements for supplementary insulation and 250V working voltage
- RoHS Compliant
- Excellent THD performance
- Operating Temperature -40°C to 85°C

Electrical Specifications @25	
OCL:	PIN 16-9= 1.4mH ±10% @ 10KHz/0.1V/Ser. (PIN 11-14 Short)
Leakage Inductance:	PIN 16-9= 28uH Max. @ 100KHz/100mV (PIN 11-14,1-4,2-3PIN Short)
	PIN 16-9= 20uH Max. @ 100KHz/100mV (PIN 11-14,6-7,5-8PIN Short)
Interwinding Capacitance	PIN 16-1= 20pF Max. @ 100KHz/100mV (PIN 11-14,PIN 2-3 Short)
	PIN 16-5= 20pF Max. @ 100KHz/100mV (PIN 11-14,PIN 6-7 Short)
T.H.D	PIN 16-9 to PIN 1-4= -90dB Max. @ 30KHz/3V (PIN 11-14,PIN 2-3 Short)
	PIN 16-9 to PIN 5-8= -90dB Max. @ 30KHz/3V (PIN 11-14,PIN 6-7 Short)
D.C.R	PIN16 -9 = 2.1 ohm Max. (PIN 11-14 Short)
	PIN 1-4=1.95 ohm Max. (PIN2-3 Short) PIN 5-8 = 565mohm Max. (PIN6-7 Short)
Hi-POT :	PRI. – SEC. =1875VAC/60Hz/2Seconds/1mA
Turn Ratio:	PIN16-9 : PIN 1-4 = 1±2% :1 (PIN 11-14,PIN 2-3 Short)
	PIN16-9 : PIN 5-8 = 4.25±2% :1 (PIN 11-14,PIN 6-7 Short)

Dimensions (Units: mm)



Schematic



Mark

- 1.LAL ****----LAL2097
2. X----PRODUCT LINE
3. DATE CODE----YYWW
4. 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-TK.21:2003 Enhanced level 6kV, par. 2.1.1.b using the test procedures of K.44:2003.