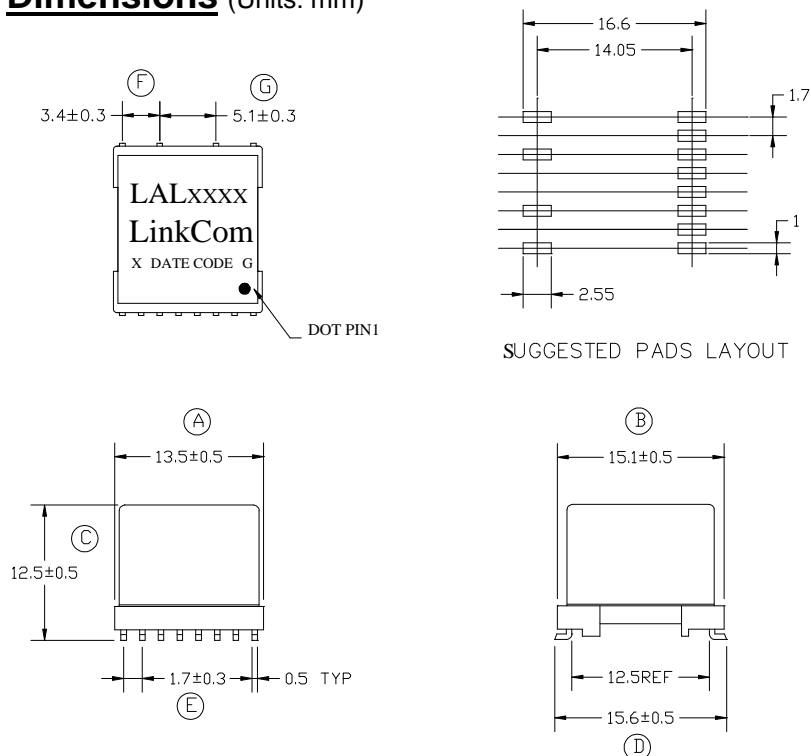


**Broadband Access Transformer**

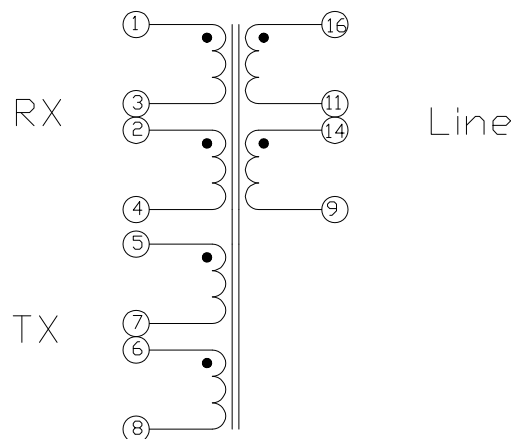
- Designed to meet UL 60950 and EN 60950 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to 85°C

Electrical Specifications @ 25°C	
OCL:	PIN 16-9= 200uH ±10% @ 10KHz/0.1V/Ser. (PIN 11-14 Short)
Leakage Inductance:	PIN 16-9= 30uH Max. @ 100KHz/100mV (PIN 11-14,PIN 2-3,1-4 Short)
	PIN 16-9= 30uH Max. @ 100KHz/100mV (PIN 11-14,PIN 7-6,5-8 Short)
Interwinding Capacitance	PIN 16-5= 80pF Max. @ 100KHz/100mV (PIN 11-14,PIN 7-6 Short)
	PIN 16-1= 50pF Max. @ 100KHz/100mV (PIN 11-14,PIN 2-3 Short)
T.H.D	PIN 16-9 to PIN 1-4= -80dB Max. @ 30KHz/2V (PIN 11-14,PIN 2-3 Short)
	PIN 16-9 to PIN 5-8= -80dB Max. @ 30KHz/2V (PIN 11-14,PIN 7-6 Short)
D.C.R	PIN 16-9 = 5.0 ohm Max. (PIN 11-14 Short)
	PIN 1-4= 10 ohm Max. (PIN 2-3 Short)   PIN 5-8= 2.0 ohm Max. (PIN 7-6 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 = 3.8±2% :1 (PIN 11-14,PIN 7-6 Short)

**Dimensions** (Units: mm)



**Schematic**



**Mark**

- 1.LAL \*\*\*\*----LAL2094
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.