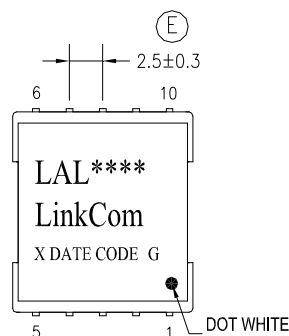
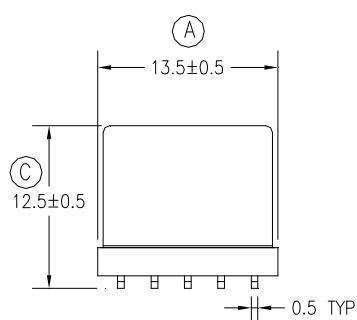


Broadband Access Transformer

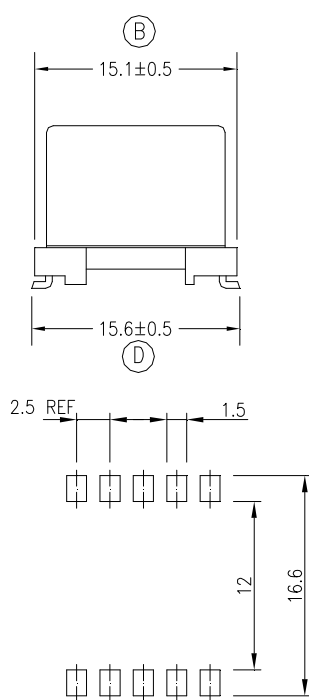
- Designed to meet UL 60950-1 and EN 60950-1 requirements for supplementary insulation
- RoHS Compliant
- Operating Temperature -40°C to 85°C

Electrical Specifications @25°C	
OCL:	PIN 1-4 = 1.4mH ±10% @ 10KHz/0.1V/Series (PIN 2-3 Short)
Leakage Inductance:	PIN 1-4 = 1.1uH Max. @ 1MHz/0.1V (PIN 2-3, PIN 7-8-9-10 Short)
Interwinding Capacitance	PIN 1-10 = 150pF Max. @ 100KHz/0.1V (PIN 1-2-3-4, PIN 7-8-9-10 Short)
THD	PIN 1-4 to PIN 10-7= –90dB Max. @ 25KHz/2Vp (PIN 2-3,PIN 8-9 Short) PIN 1-4 to PIN 10-7= –85dB Max. @ 25KHz/5.5Vp (PIN 2-3,PIN 8-9 Short)
LCL(ITU993.2+3dB)	41dB Min@12MHz 33dB Min@30MHz
D.C.R	PIN 1-4 = 2.0 ohm Max.
	PIN 7-10 = 2.0 ohm Max.
Turn Ratio:	PIN 1-4 : PIN 10-7 = 2±3% : 1
Hi-POT :	PRI. – SEC. = 1875VAC/60Hz/1Sec/1mA

Dimensions (Units: mm)

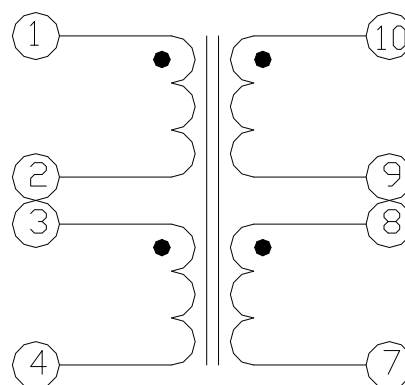


TOP VIEW



SUGGESTED PAD LAYOUT

Schematic



Mark

1. LAL***----LAL0520
2. X----PRODUCT LINE OR BLANK
3. DATE CODE----YYWW
4. G----RoHS