

DC/DC Transformer

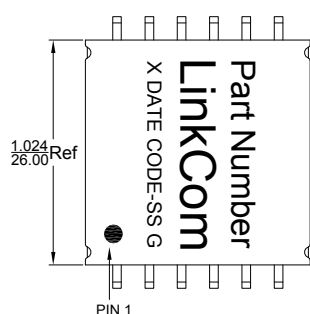
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

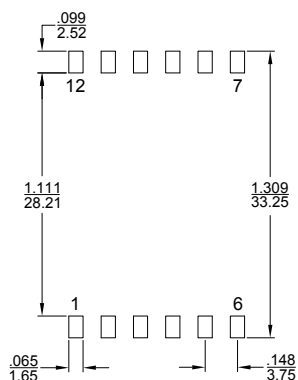
Inductance:	PIN 4,3-2,1 = 55uH ±10% @ 100KHz/0.1V (Pin 4,3 shorted and Pin 2,1 shorted)
Leakage Inductance:	PIN 4,3-2,1 = 0.75uH Max. @ 100KHz/0.1V (Pin 4,3 shorted and Pin 2,1 shorted and Pin 5,6 shorted and Pin 12,11,10,9,8,7 shorted)
D.C.R	PIN 4,3-2,1 = 65 mohm Max. (Pin 4,3 shorted and Pin 2,1 shorted)
	PIN 6-5 = 110 mohm Max.
	PIN 12-11 = 90 mohm Max.
	PIN 10,9-8,7 = 33 mohm Max. (Pin 10,9 shorted and Pin 8,7 shorted)
Turn Ratio:	PIN 4,3-2,1 : PIN 6-5 = 3.60±3% : 1 (Pin 4,3 shorted and Pin 2,1 shorted)
	PIN 4,3-2,1 : PIN 12-11 = 3.60±3% : 1 (Pin 4,3 shorted and Pin 2,1 shorted)
	PIN 1,2-3,4 : PIN 10,9-8,7 = 2.00±3% : 1 (Pin 4,3 shorted and Pin 2,1 shorted and Pin 10,9 shorted and Pin 8,7 shorted)
Hi-POT :	PRI. – SEC. = 1500V _{AC} /2Sec/1mA

Dimensions

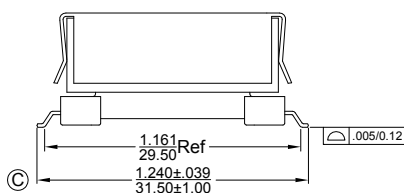
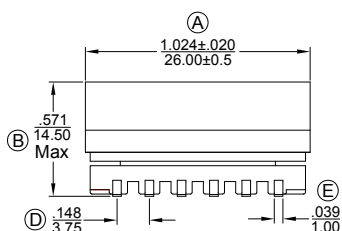
((Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are ± 0.010 / ± 0.25)



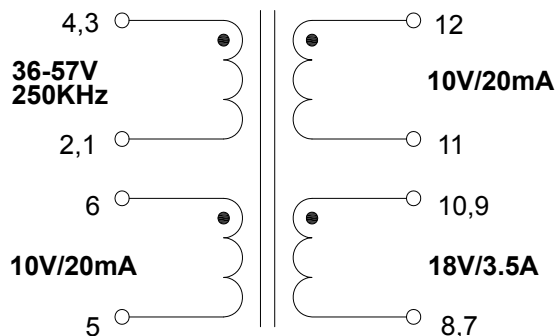
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Primary windings and secondary windings to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT9061
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----50 or BLANK
- 5.G----RoHS

Package info

LDT9061-50R - Tape reel