

DC/DC Transformer

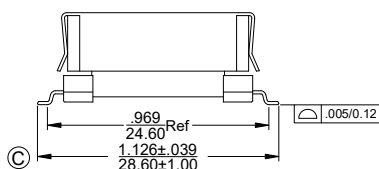
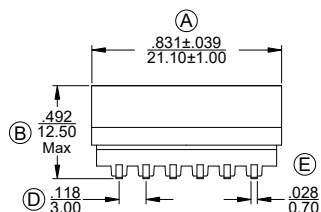
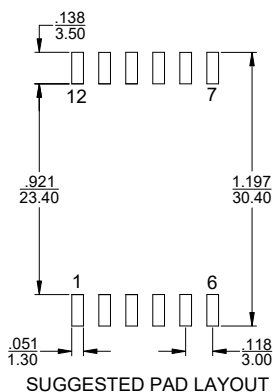
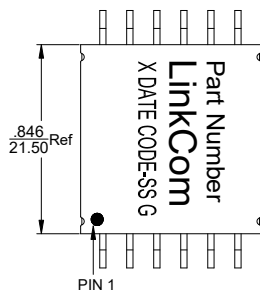
- Forward Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

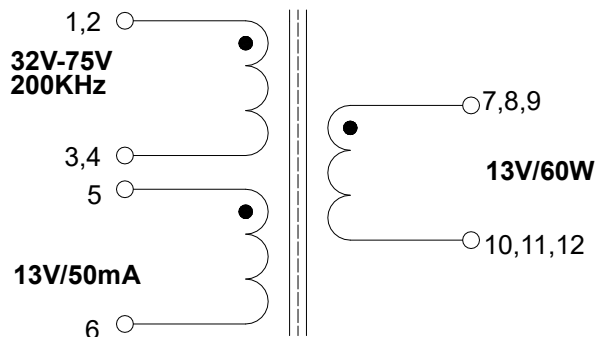
Inductance:	PIN 1,2-3,4 = 100uH±15% @ 100KHz/0.1V (Pin 1,2 shorted and Pin 3,4 shorted)
Leakage Inductance:	PIN 1,2-3,4 = 0.50 uH MAX . @ 100KHz/0.1V (Pin 1,2 shorted and Pin 3,4 shorted Pin 5,6 shorted and Pin 7,8,9,10,11,12 shorted)
D.C.R.:	PIN 1,2-3,4 = 46 mohm Max. (Pin 1,2 shorted and Pin 3,4 shorted)
	PIN 5-6 = 150 mohm Max.
	PIN 7,8,9-10,11,12 = 20 mohm Max. (Pin 7,8,9 shorted and Pin 10,11,12 shorted)
Turn Ratio:	PIN 1,2-3,4 : PIN 5-6 = 1.60±3% :1 (Pin 1,2 shorted and Pin 3,4 shorted)
	PIN 1,2-3,4 : PIN 7,8,9-10,11,12 = 1.60±3% :1 (Pin 1,2 shorted and Pin 3,4 shorted and Pin 7,8,9 shorted and Pin 10,11,12 shorted)
Hi-POT :	PRI. – SEC. = 1500VAC/2Sec/1mA

Dimensions

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



Schematic



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

Mark

- 1.Part Number----LDT8657
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----55
- 5.G----RoHS

Package info

LDT8657-55R - Tape reel