

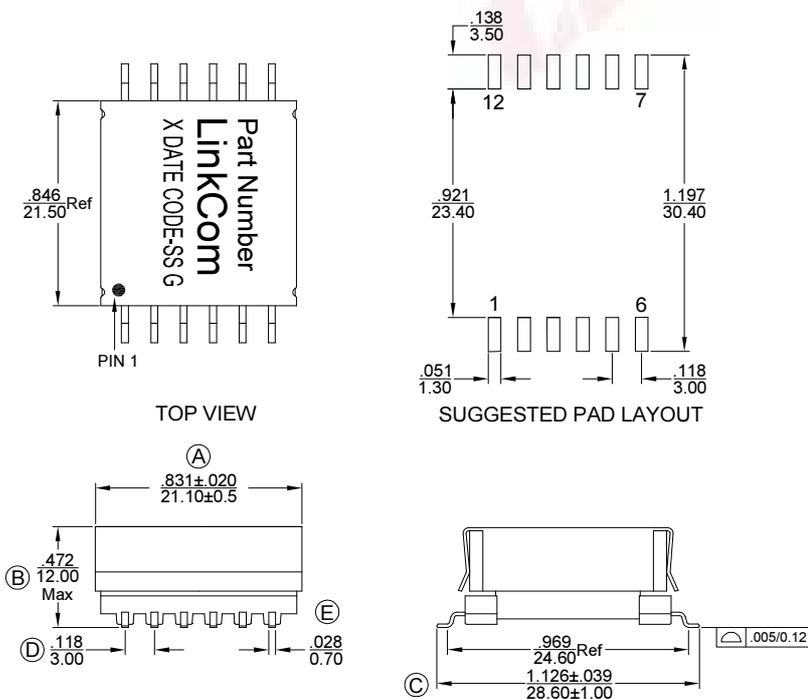
## DC/DC Transformer

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

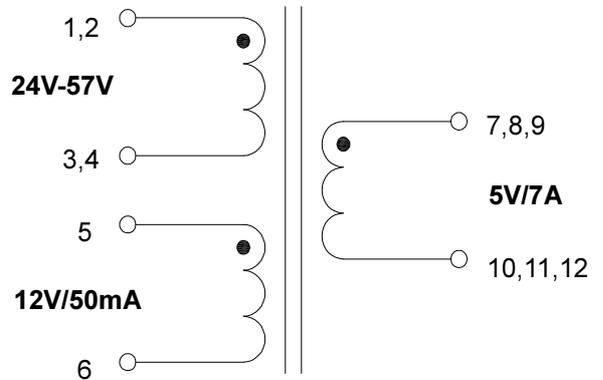
Electrical Specifications @25°C	
Inductance:	PIN 1,2-3,4 = 200uH ±15% @ 100KHz/0.1V (Pin 1,2 shorted and 3,4 shorted)
Leakage Inductance:	PIN 1,2-3,4 = 0.80uH Max. @ 100KHz/0.1V (Pin 1,2 shorted and 3,4 shorted and 7,8,9,10,11,12 shorted)
D.C.R	PIN 1,2-3,4 = 50 mohm Max. (Pin 1,2 shorted and 3,4 shorted)
	PIN 5-6 = 450 mohm Max.
	PIN 7,8,9-10,11,12 = 13.5 mohm Max. (Pin 7,8,9 shorted and 10,11,12 shorted)
Turn Ratio:	PIN 1,2-3,4 : PIN 5-6 = 1.13±3%:1 (Pin 1,2 shorted and 3,4 shorted)
	PIN 1,2-3,4 : PIN 7,8,9-10,11,12 = 2.83±3%:1 (Pin 1,2 shorted and 3,4 shorted and 7,8,9 shorted and 10,11,12 shorted)
Hi-POT :	PRI. – SEC. = 1500V <sub>AC</sub> /2Sec/1mA

## Dimensions

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



## Schematic



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

## Mark

- 1.Part Number----LDT8607
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----51
- 5.G----RoHS

## Package info

LDT8607-51R - Tape reel