

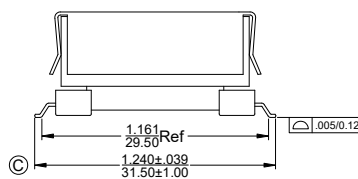
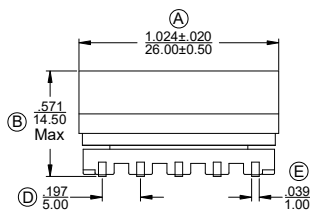
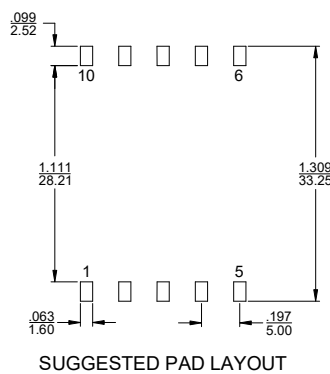
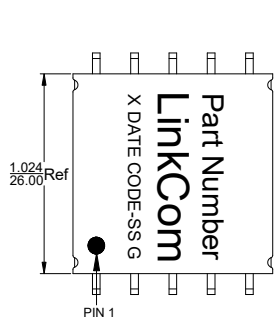
DC/DC Transformer

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

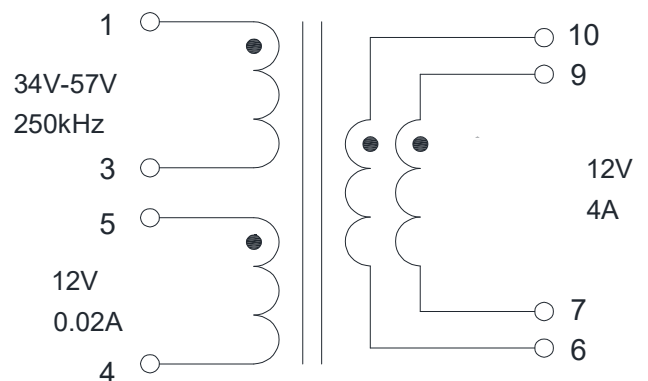
Electrical Specifications @25°C	
Inductance:	PIN 1-3 = 55uH ±7% @ 100kHz/0.1V
Leakage Inductance:	PIN 1-3 = 0.60uH Max. @ 100KHz/0.1V (Pin 4,5 shorted and Pin 6,7,9,10 shorted)
D.C.R	PIN 1-3 = 55 mohm Max.
	PIN 5-4 = 26 mohm Max.
	PIN 10-6 = 15 mohm Max.
	PIN 9-7 = 15 mohm Max.
Turn Ratio:	PIN 1-3 : PIN 5-4 = 2.33±3%:1
	PIN 1-3 : PIN 10,9-6,7 = 2.33±3%:1 (Pin 10,9 shorted and Pin 6,7 shorted)
Hi-POT :	PRI. – SEC. = 1500Vac/60Hz/2Sec/0.5mA

Dimensions

(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



Schematic



Mark

- 1.Part Number----LDT9055
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----51
- 5.G----RoHS

Package info

LDT9055-51R - Tape reel