

DC/DC Transformer

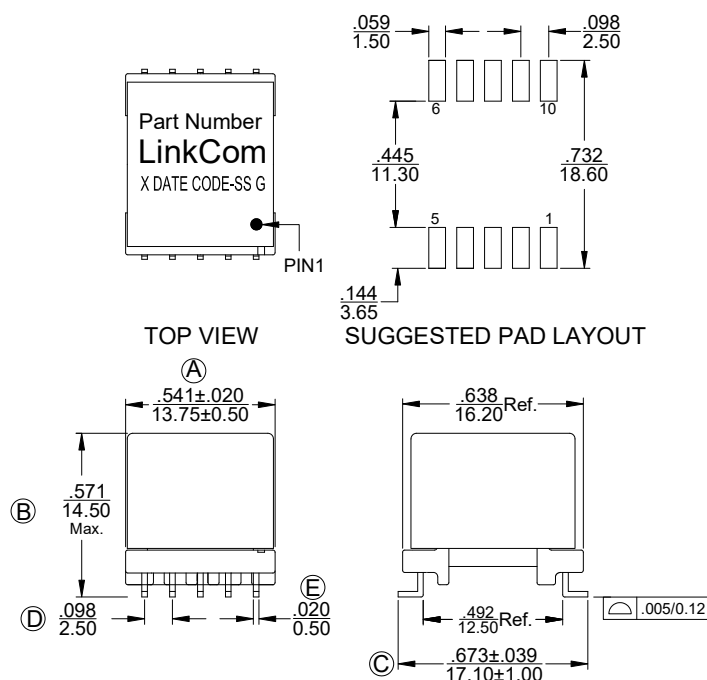
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

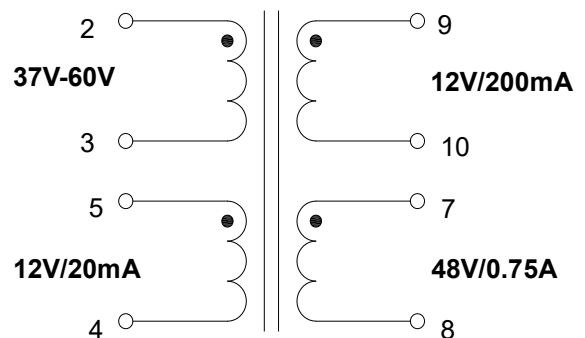
Inductance:	PIN 2-3 = 20uH $\pm$ 10% @ 100KHz/0.1V
Leakage Inductance:	PIN 2-3 = 0.60uH Max. @ 100KHz/0.1V (PIN 8,7 shorted)
D.C.R	PIN 2-3 = 80 mohm Max.
	PIN 5-4 = 105 mohm Max.
	PIN 9-10 = 50 mohm Max.
	PIN 7-8 = 80 mohm Max.
Turn Ratio:	PIN 2-3 : PIN 5-4 = 3.50 $\pm$ 3%:1
	PIN 2-3 : PIN 9-10 = 3.50 $\pm$ 3%:1
	PIN 2-3 : PIN 7-8 = 0.875 $\pm$ 3%:1
Hi-POT :	PRI. – SEC. = 1500VAC/2Sec/1mA

Dimensions

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



Schematic



Mark

- 1.Part Number----LDT1037
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----51
5. G----RoHS

Package info

LDT1037 -51R - Tape reel