

DC/DC Transformer

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

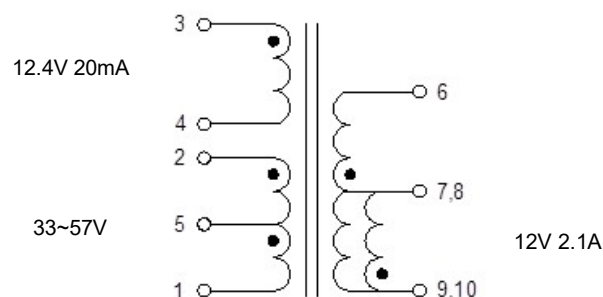
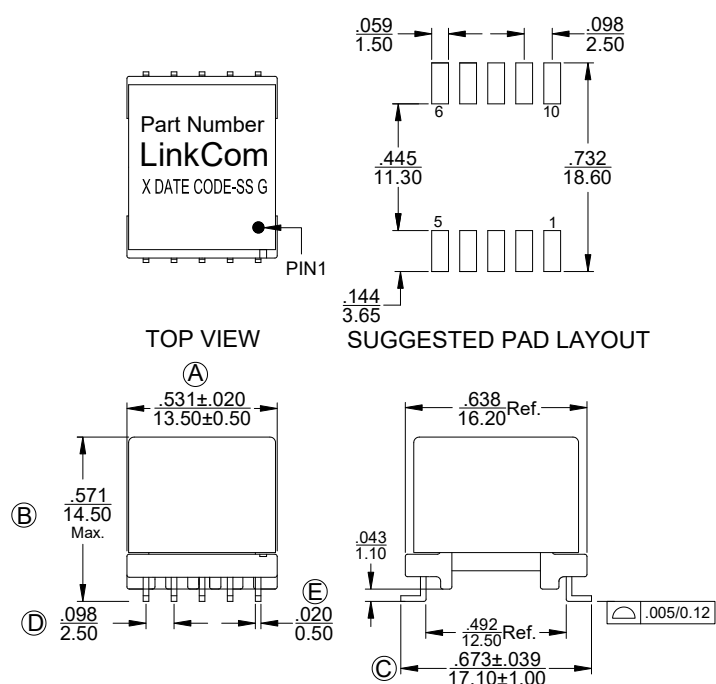
Electrical Specifications @25°C

Inductance:	PIN 1-2= 65uH $\pm$ 7% @ 1KHz/0.5V
Leakage Inductance:	PIN 1-2 = 0.60uH Max. @ 250KHz/0.5V (Pin 3,4 shorted and PIN 6,7,8,9,10 shorted)
Interwinding Capacitance	PIN 1,2-6,7,8,9,10 = 90 pF Max. @ 100KHz/0.5V (Pin 1,2 shorted and Pin 6,7,8,9,10 shorted)
D.C.R	PIN 1-2 = 120 mohm Max.
	PIN 7,8-9,10 = 13 mohm Max. (PIN 7,8 shorted and 9,10 shorted)
	PIN 4-3 = 43 mohm Max.
	PIN 6-7 = 30 mohm Max.
Turn Ratio:	PIN 1-2 : PIN 7,8-9,10 = 3.00 $\pm$ 3%:1 (PIN 7,8 shorted and 9,10 shorted)
	PIN 1-2 : PIN 4-3 = 3.00 $\pm$ 3%:1
	PIN 1-2 : PIN 6-7 = 6.00 $\pm$ 3%:1
Hi-POT :	PRI. – SEC. = 1500VAC/60Sec/1mA

Dimensions

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

Schematic



Mark

1. Part Number----LDT1069
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT1069-50R - Tape reel