

DC/DC Transformer

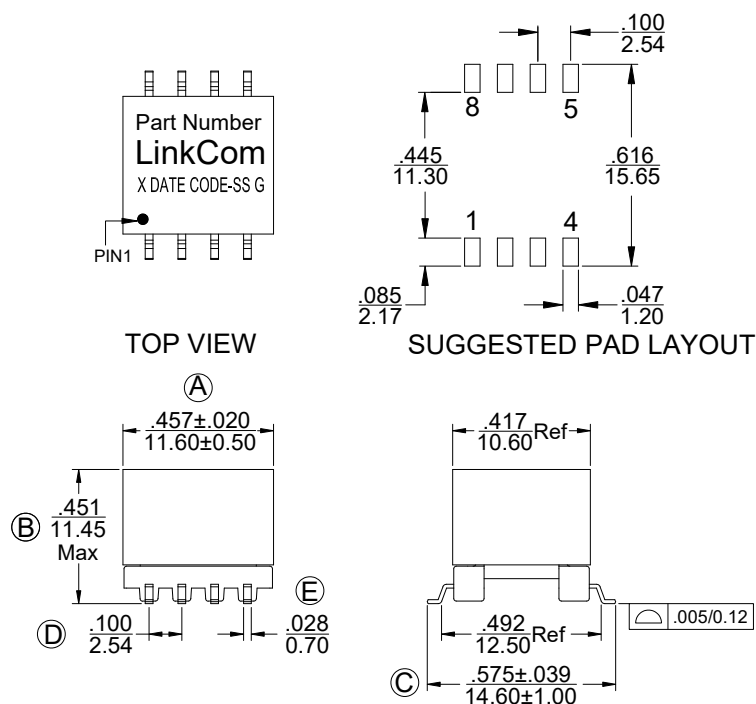
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +115°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

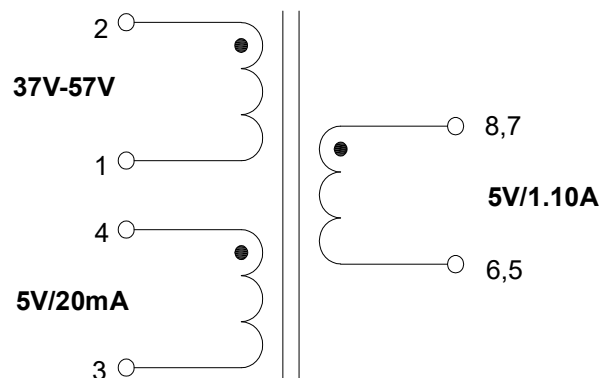
Inductance:	PIN 2-1 = 24uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 2-1 = 1.00uH Max. @ 100KHz/0.1V (Pin 8,7,6,5 shorted)
D.C.R	PIN 2-1 = 160 mohm Max.
	PIN 4-3 = 150 mohm Max.
	PIN 8,7-6,5 = 13 mohm Max.(Pin 8,7 shorted and Pin 6,5 shorted)
Turn Ratio:	PIN 2-1 : PIN 4-3 = 3.00±3%:1
	PIN 2-1 : PIN 8,7-6,5 = 3.43±3%:1(Pin 8,7 shorted and Pin 6,5 shorted)
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



Secondary winding to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT5902
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT5902-50R - Tape reel