

DC/DC Transformer

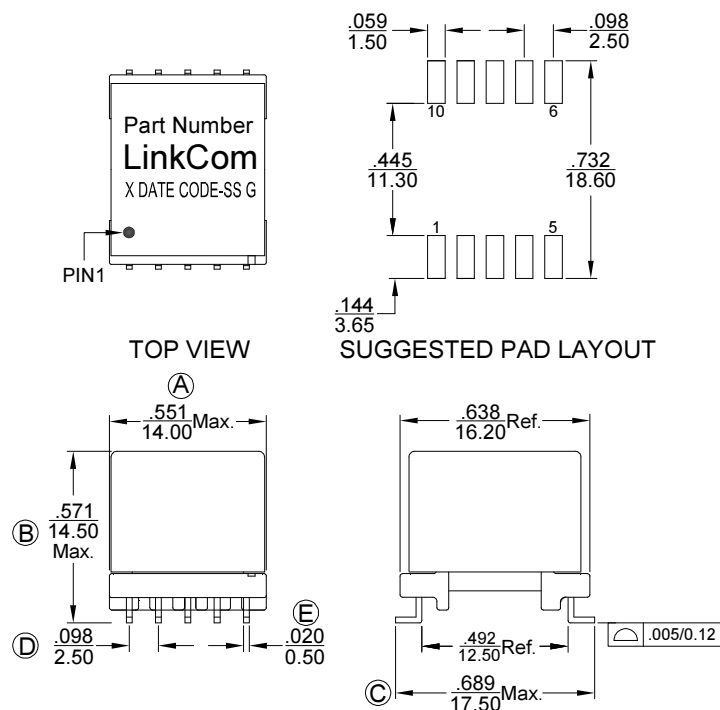
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

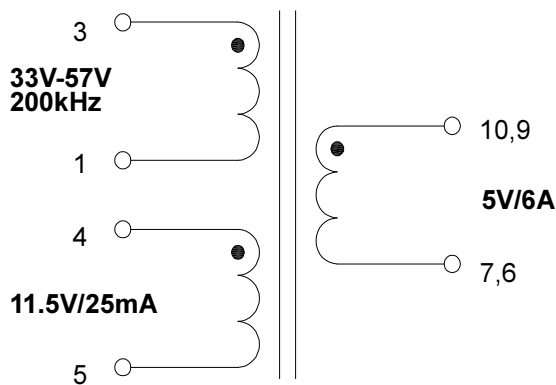
Inductance:	PIN 3-1 = 70uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 3-1 = 1.40uH Max. @ 100KHz/0.1V (PIN 10,9,7,6 shorted)
D.C.R	PIN 3-1 = 93 mohm Max.
	PIN 4-5 = 166 mohm Max.
	PIN 10,9-7,6 = 4.45 mohm Max. (PIN 10,9 shorted and Pin 7,6 shorted)
Turn Ratio:	PIN 3-1 : PIN 4-5 = 3.14±3%:1
	PIN 3-1 : PIN 10,9-7,6 = 7.33±3%:1 (PIN 10,9 shorted and Pin 7,6 shorted)
Hi-POT :	PRI. – SEC. = 1500VAC/60Hz/2S/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----LDT1020
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----51
5. G----RoHS

Package info

LDT1020-51R - Tape reel