

DC/DC Transformer

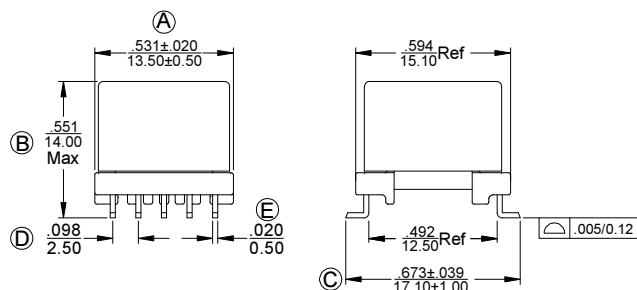
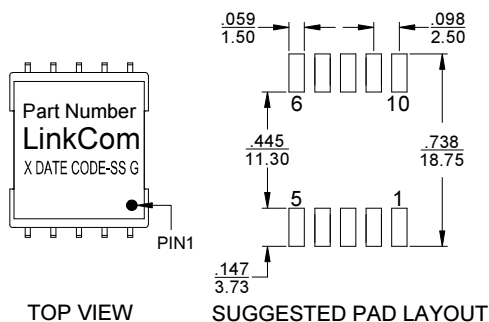
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

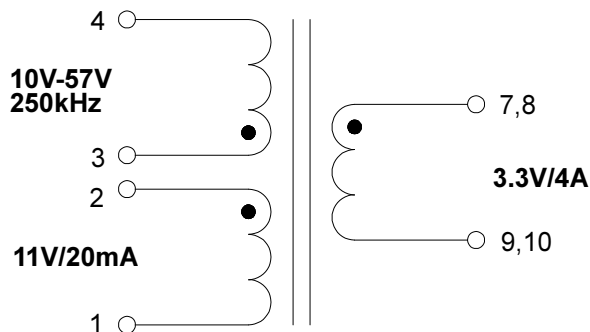
Inductance:	PIN 3-4 = 25.2uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 3-4 = 1.00uH Max. @ 100KHz/0.1V (Pin 7,8,9,10 shorted)
D.C.R	PIN 3-4 = 75.mohm Max.
	PIN 2-1 = 160 mohm Max.
	PIN 7,8-9,10 = 10.0 mohm Max. (Pin 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 3-4 : PIN 2-1 = 1.14±3% : 1
	PIN 3-4 : PIN 7,8-9,10 = 4.00±3% : 1 (Pin 7,8 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500V _{AC} /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----LDT6075
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT6075-50R - Tape reel