

## DC/DC Transformer

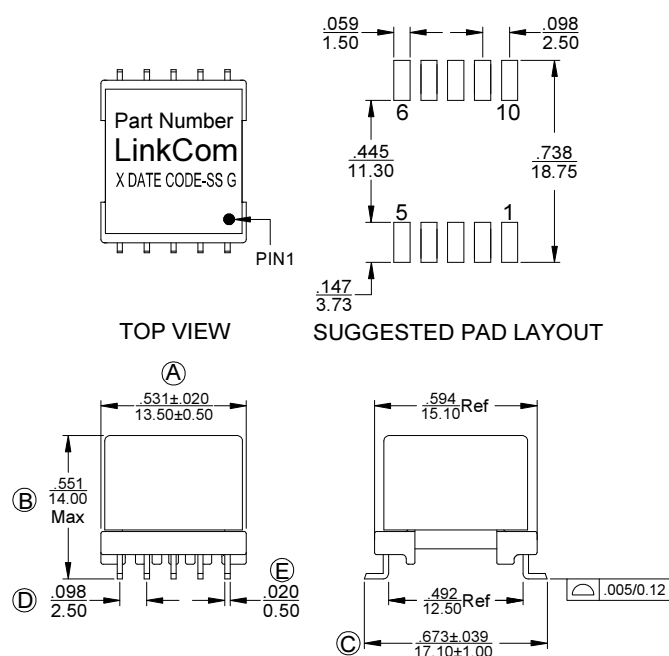
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

### Electrical Specifications @25°C

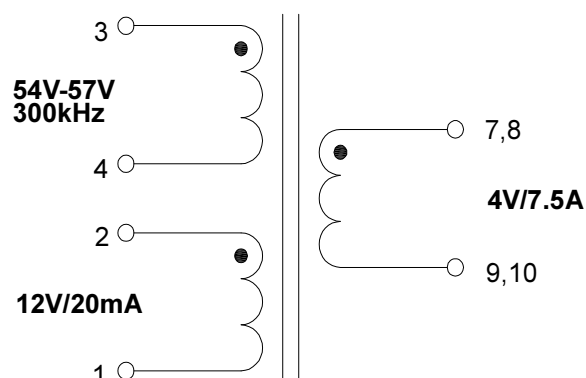
|                     |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| Inductance:         | PIN 3-4 = 100uH ±10% @ 100KHz/0.1V                                             |
| Leakage Inductance: | PIN 3-4 = 1.80uH Max. @ 100KHz/0.1V (PIN 2,1 shorted and PIN 7,8,9,10 shorted) |
| D.C.R               | PIN 3-4 = 370 mohm Max.                                                        |
|                     | PIN 2-1 = 100 mohm Max.                                                        |
|                     | PIN 7,8-9,10 = 5.5 mohm Max. (Pin 7,8 shorted and Pin 9,10 shorted)            |
| Turn Ratio:         | PIN 3-4 : PIN 2-1 = 3.60±3% : 1                                                |
|                     | PIN 3-4 : PIN 7,8-9,10 = 9.00±3% : 1 (Pin 7,8 shorted and Pin 9,10 shorted)    |
| Hi-POT :            | PRI. – SEC. = 1500V <sub>AC</sub> /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----LDT6068
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

## Package info

LDT6068-50R - Tape reel