

DC/DC Transformer

- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C



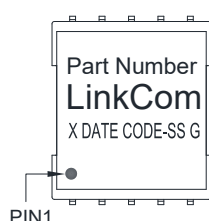
Electrical Specifications @25°C

Inductance	PIN 2-1= 85 uH ±10% @ 100KHz/0.1V
Leakage Inductance	PIN 2-1= 1.1 uH Max. @ 100KHz/0.1V (PIN 3,4,6,7,8,9,10 Shorted)
D.C.R	PIN 2-1 = 348 mohm Max.
	PIN 3-4 = 115 mohm Max.
	PIN 9,10-7,8 = 11 mohm Max. (PIN 7,8 ; 9,10 Shorted)
	PIN 7-6 = 52 mohm Max.
rn Ratio	PIN 2-1 : PIN 9,10-7,8 = 6±3%:1
	PIN 2-1 : PIN 3-4 = 2.77±3%:1
	PIN 2-1 : PIN 7-6 = 4±3%:1
Hi-POT	PRI. – SEC. = 1500VAC/60Hz/2S/1mA

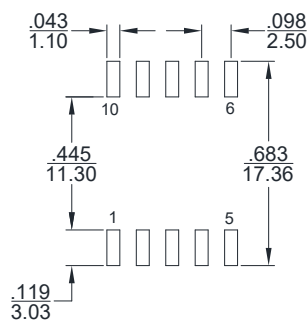
Dimensions

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

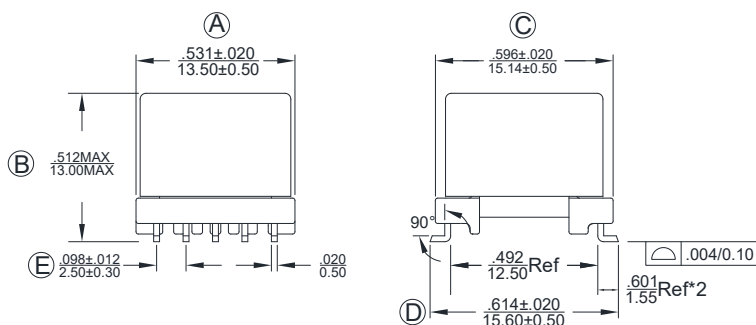
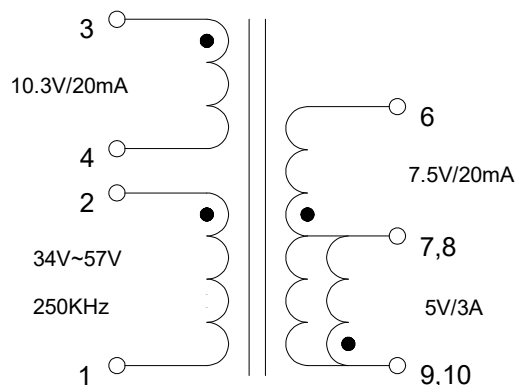
Schematic



TOP VIEW



SUGGESTED PAD LAYOUT



Mark

1. Part Number----LDT6052
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT6052-50R - Tape reel