

DC/DC Transformer

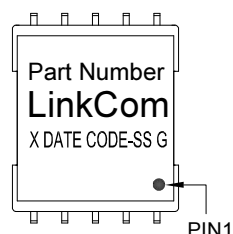
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

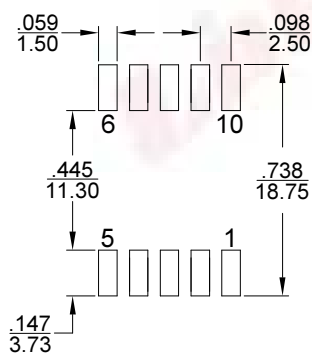
Inductance:	PIN 5-3 = 37.0uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 5-3 = 1.0uH Max. @ 100KHz/0.1V (PIN 10-9-7-6 Short)
D.C.R	PIN 5-3 = 65 mohm Max.
	PIN 2-1 = 85 mohm Max.
	PIN 6,7-9,10 = 6.2 mohm Max.(PIN 6-7,9-10 Short)
Turn Ratio:	PIN 5-3 : PIN 2-1 = 2.00±3%:1
	PIN 5-3 : PIN 6,7-9,10 = 5.00±3%:1(PIN 6-7,9-10 Short)
Hi-POT :	PRI. – SEC. = 1500VAC/60Hz/2S/1mA

Dimensions

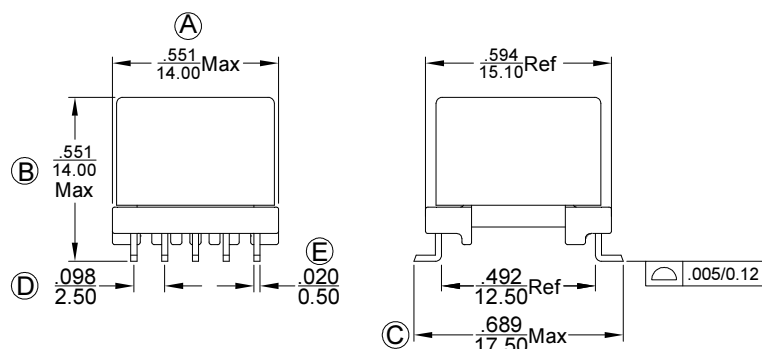
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



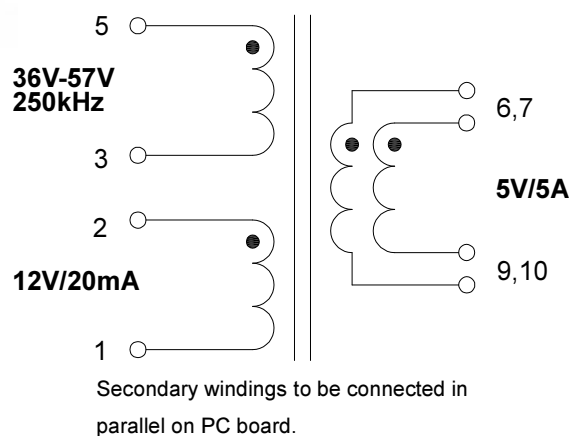
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1. Part Number----LDT0685
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0685-50R - Tape reel