

DC/DC Transformer

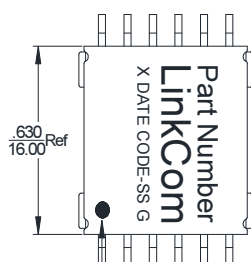
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

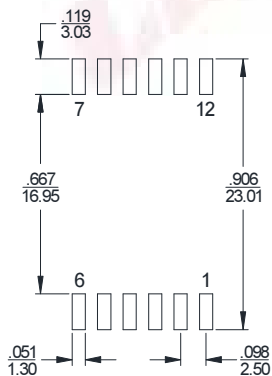
Inductance:	PIN 3-5 = 166.5uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 3-5 = 2.0uH Max. @ 100KHz/0.1V (Pin 12,11,10,9,8,7 shorted)
D.C.R	PIN 3-5 = 760 mohm Max.
	PIN 2-1 = 980 mohm Max.
	PIN 12,11-10,9 = 100 mohm Max.(Pin 12,11 shorted and Pin 10,9 shorted)
	PIN 8-7 = 180 mohm Max.
Turn Ratio:	PIN 3-5 : PIN 2-1 = 2.00±3%:1
	PIN 3-5 : PIN 12,11-10,9 = 2.00±3%:1 (Pin 12,11 shorted and Pin 10,9 shorted)
	PIN 3-5 : PIN 8-7 = 4.00±3%:1
Hi-POT :	PRI. – SEC. = 1500V/60Hz/2Sec/1mA

Dimensions

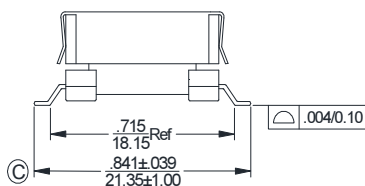
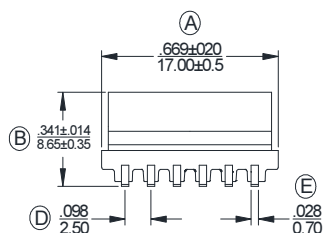
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



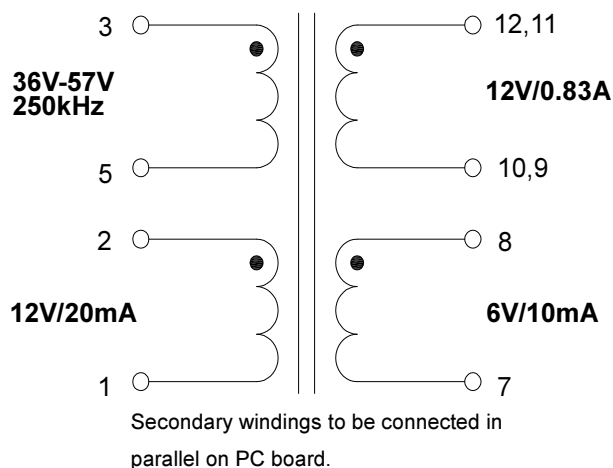
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1. Part Number----LDT0806
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0806-50R - Tape reel