

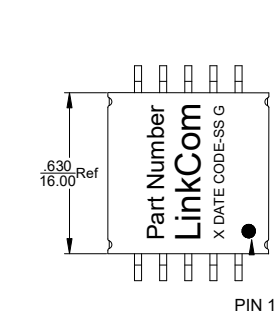
DC/DC Transformer

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

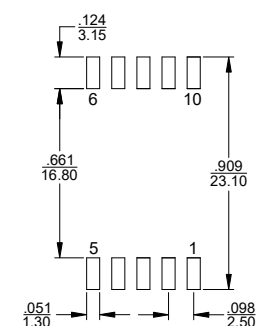
Electrical Specifications @25°C	
Inductance:	PIN 2-1 = 140uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 2-1 = 1.40uH Max. @ 100KHz/0.1V (PIN 3,4 shorted and PIN 7,8,9,10 shorted)
D.C.R	PIN 2-1 = 410 mohm Max.
	PIN 3-4 = 390 mohm Max.
	PIN 7,8-9,10 = 35 mohm Max.(PIN 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 2-1 : PIN 3-4 = 2.25±3%:1
	PIN 2-1 : PIN 7,8-9,10 = 2.57±3%:1(PIN 7,8 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500Vac/60Hz/2Sec/1mA

Dimensions

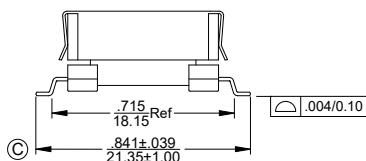
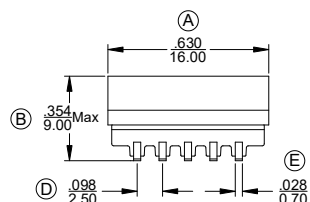
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



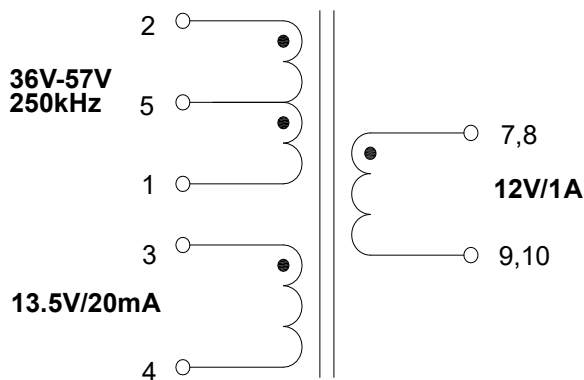
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Secondary windings to be connected in parallel on PC board

Mark

- 1.Part Number----LDT8002
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT8002-50R - Tape reel