

DC/DC Transformer

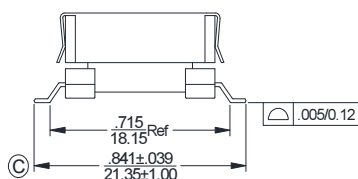
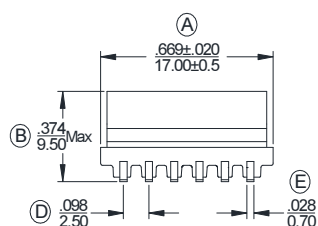
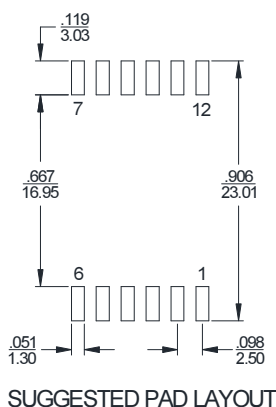
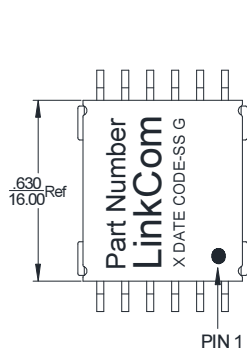
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

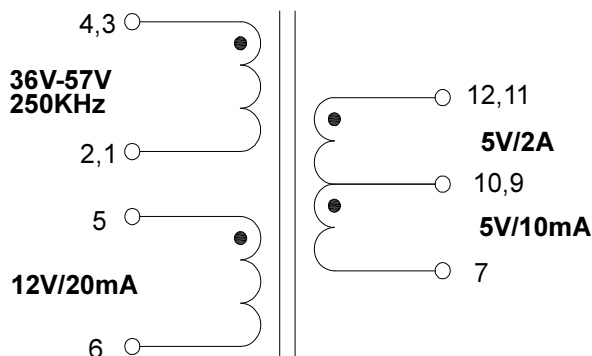
Inductance:	PIN 4,3-2,1 = 150uH $\pm$ 10% @ 100KHz/0.1V (Pin 4,3 shorted and Pin 2,1 shorted)
Leakage Inductance:	PIN 4,3-2,1 = 1.50uH Max. @ 100KHz/0.1V (Pin 12,11,10,9,8,7 shorted and Pin 5,6 shorted and Pin 4,3 shorted and Pin 2,1 shorted)
D.C.R	PIN 4,3-2,1 = 460 mohm Max. (Pin 4,3 shorted and Pin 2,1 shorted)
	PIN 5-6 = 540 mohm Max.
	PIN 9-7 = 175 mohm Max.
	PIN 12,11-10,9 = 18.9 mohm Max. (Pin 12,11 shorted and Pin 10,9 shorted)
Turn Ratio:	PIN 4,3-2,1 : PIN 5-6 = 2.47 $\pm$ 3%:1 (Pin 4,3 shorted and Pin 2,1 shorted)
	PIN 4,3-2,1 : PIN 9-7 = 6.00 $\pm$ 3%:1 (Pin 4,3 shorted and Pin 2,1 shorted)
	PIN 4,3-2,1 : PIN 12,11-10,9 = 6.00 $\pm$ 3%:1 (Pin 4,3 shorted and Pin 2,1 shorted and Pin 12,11 shorted and Pin 10,9 shorted)
Hi-POT :	PRI. – SEC. = 1500V _{AC} /2Sec/1mA

Dimensions

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



Schematic



Primary windings and secondary windings to be connected in parallel on PC board.

Mark

1. Part Number----LDT8010
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT8010-50R - Tape reel