

DC/DC Transformer

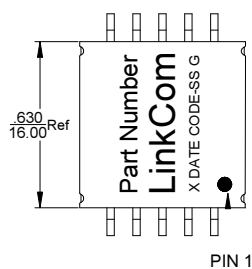
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

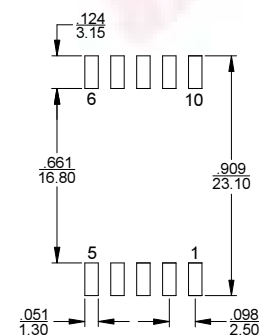
Inductance:	PIN 1-2 = 150.0uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-2 = 2.00uH Max. @ 100KHz/0.1V (Pin 4,3 shorted and Pin 10,9,8,7,6 shorted)
D.C.R	PIN 1-2 = 550 mohm Max.
	PIN 4-3 = 460 mohm Max.
	PIN 6-7 = 180 mohm Max.
	PIN 7,8-9,10 = 24 mohm Max. (Pin 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 1-2 : PIN 4-3 = 2.63±3%:1
	PIN 1-2 : PIN 6-7 = 6.00±3%:1
	PIN 1-2 : PIN 7,8-9,10 = 6.00±3%:1 (Pin 7,8 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500VAC/2Sec/1mA

Dimensions

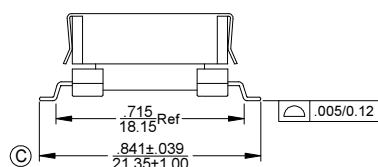
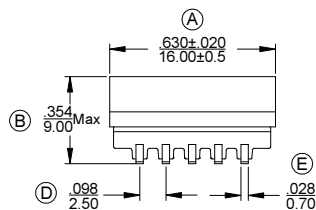
((Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm\frac{.010}{0.25}$)



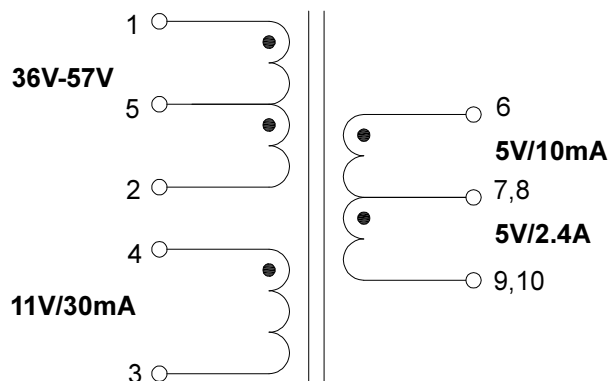
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

- 1.Part Number----LDT8202
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----50 or BLANK
- 5.G----RoHS

Package info

LDT8202-50R - Tape reel