

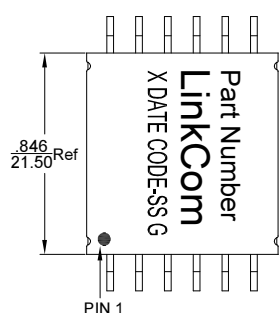
DC/DC Transformer

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

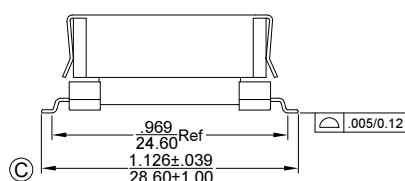
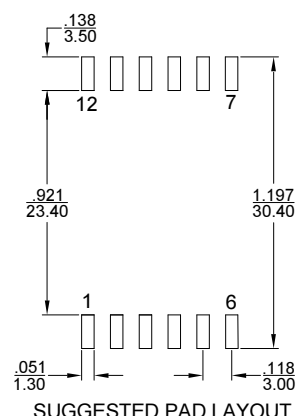
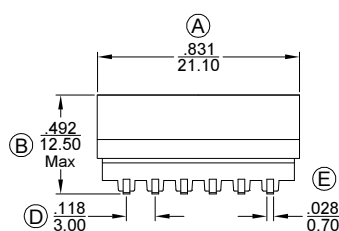
Electrical Specifications @25°C	
Inductance:	PIN 1,2-3,4 = 100.5 uH $\pm$ 10% @ 100KHz/0.2V (PIN 1,2 shorted and 3,4 shorted)
Leakage Inductance:	PIN 1,2-3,4 = 0.6 uH MAX . @ 100KHz/0.2V (PIN 1,2 shorted and 3,4 shorted and 5,6,7,8,9,10,11,12 shorted)
D.C.R.:	PIN 1,2-3,4 = 110 mohm Max. (PIN 1,2 shorted and 3,4 shorted)
	PIN 5-6 = 290 mohm Max.
	PIN 12,11,10-9,8,7 = 40 mohm Max. (PIN 12,11,10 shorted and 9,8,7 shorted)
Turn Ratio:	PIN 1,2-3,4 : PIN 5-6 = 1.43 $\pm$ 3% :1 (PIN1,2 shorted and 3,4 shorted)
	PIN 1,2-3,4 : PIN 12,11,10-9,8,7 = 1.77 $\pm$ 3% :1
	(PIN1,2 shorted and 3,4 shorted and 12,11,10 shorted and 9,8,7 shorted)
Hi-POT :	PRI. – SEC. = 1500Vrms/60Hz/2Sec/1mA

Dimensions

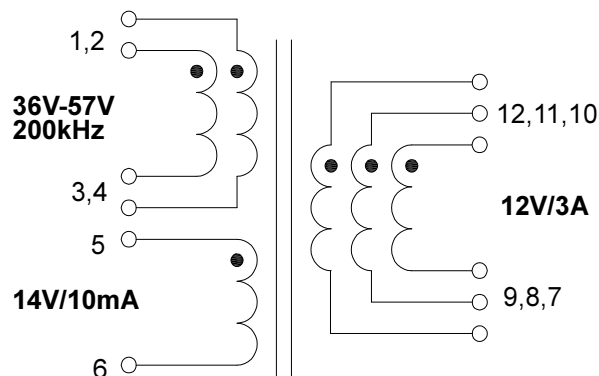
((Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



TOP VIEW



Schematic



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

Mark

1. Part Number----LDT8602
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT8602-50R - Tape reel