

DC/DC Transformer

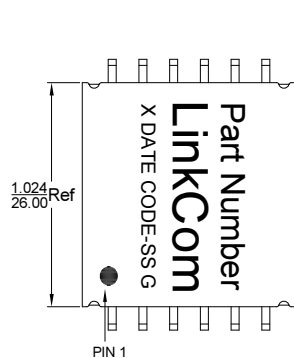
- Flyback Transformer
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

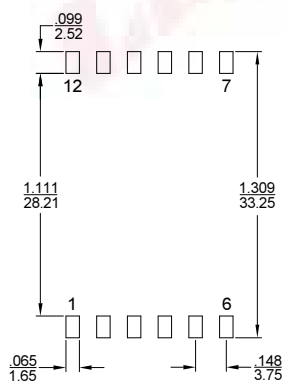
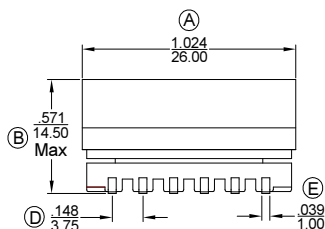
Inductance:	PIN 1-3 = 65.0uH $\pm$ 10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-3 = 750.0nH Max. @ 100KHz/0.1V (PIN 12-11-10-9-8-7 Short)
D.C.R	PIN 1-3 = 75 mohm Max.
	PIN 5-6 = 280 mohm Max.
	PIN 12,11,10-9,8,7 = 75 mohm Max.(PIN12-11-10,9-8-7 Short)
Turn Ratio:	PIN 1-3 : PIN 5-6 = 2.50 $\pm$ 3%:1
	PIN 1-3 : PIN 12,11,10-9,8,7 = 1.25 $\pm$ 3%:1(PIN12-11-10,9-8-7 Short)
Hi-POT :	PRI. – SEC. = 1500VAC/60Hz/2S/1mA

Dimensions

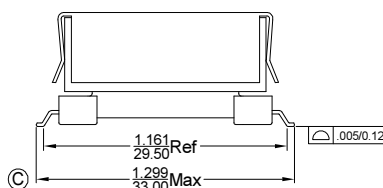
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



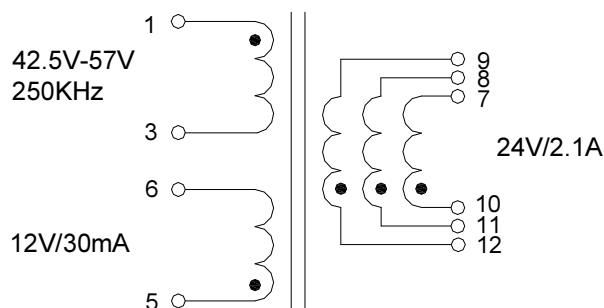
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1. Part Number----LDT0818
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0818-50R - Tape reel