

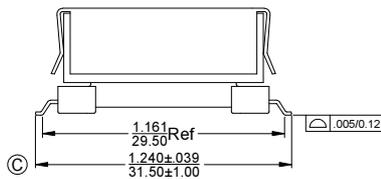
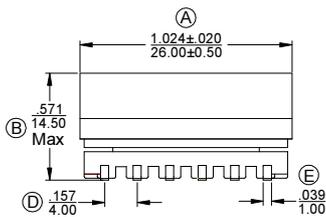
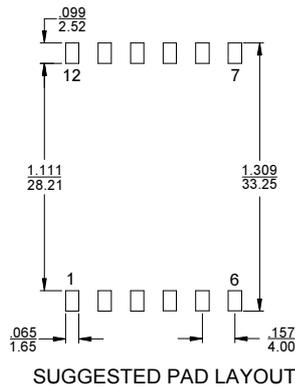
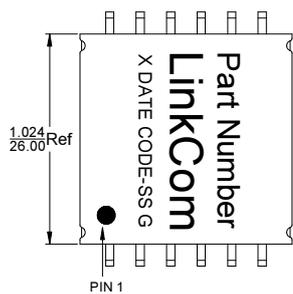
DC/DC Transformer

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

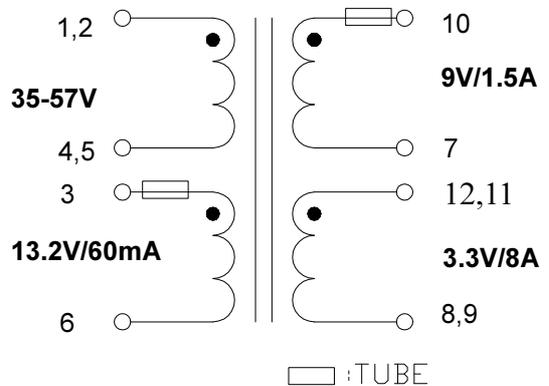
Electrical Specifications @25°C	
Inductance:	PIN 1,2-4,5 = 48.0uH ±10% @ 100KHz/0.1V (Pin 1,2 shorted and Pin 4,5 shorted)
Leakage Inductance:	PIN 1,2-4,5 = 1.40uH Max. @ 100KHz/0.1V (Pin 12,11,10,9,8,7 shorted and Pin 1,2 shorted and Pin 4,5 shorted)
D.C.R	PIN 1,2-4,5 = 60.9 mohm Max. (Pin 1,2 shorted and Pin 4,5 shorted)
	PIN 3-6 = 214.0 mohm Max.
	PIN 10-7 = 41.2 mohm Max.
	PIN 12,11-9,8 = 7.0 mohm Max. (Pin 12,10 shorted and Pin 9,8 shorted)
Turn Ratio:	PIN 1,2-4,5 : PIN 3-6 = 1.75±3%:1 (Pin 1,2 shorted and Pin 4,5 shorted)
	PIN 1,2-4,5 : PIN 10-7 = 2.63±3%:1 (Pin 1,2 shorted and Pin 4,5 shorted)
	PIN 1,2-4,5 : PIN 12,11-9,8 = 7.00±3%:1 (Pin 1,2 shorted and Pin 4,5 shorted and Pin 12,10 shorted and Pin 9,8 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----LDT9103
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT9103-50R - Tape reel