

DC/DC Transformer

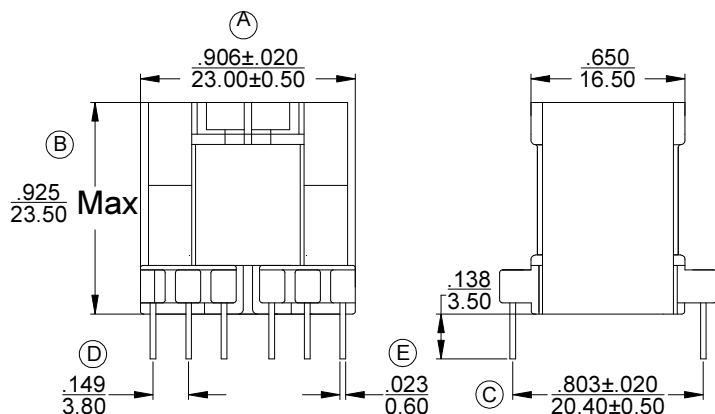
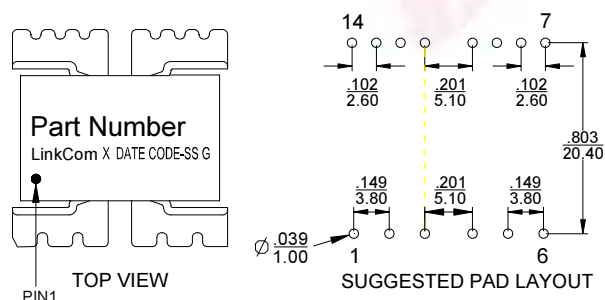
- Forward transformer
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

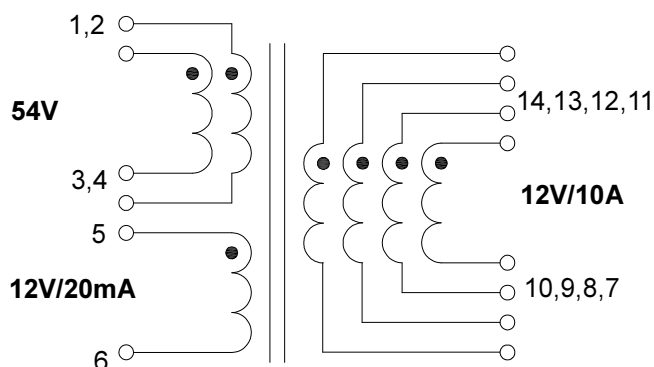
Inductance:	PIN 1,2-3,4 = 100.0uH ±10% @ 1KHz/1V (PIN 1,2 shorted and Pin 3,4 shorted)
Leakage Inductance:	PIN 1,2-3,4 = 1.9uH Max. @ 1KHz/1V (PIN 1,2 shorted and Pin 3,4 shorted and PIN 14,13,12,11,10,9,8,7 shorted)
D.C.R	PIN 1,2-3,4 = 55 mohm Max. (PIN 1,2 shorted and Pin 3,4 shorted)
	PIN 5-6 = 180 mohm Max.
	PIN 14,13,12,11-10,9,8,7 = 16 mohm Max. (PIN 14,13,12,11 shorted and Pin 10,9,8,7 shorted)
Turn Ratio:	PIN 1,2-3,4 : PIN 5-6 = 2.00±3%:1 (PIN 1,2 shorted and Pin 3,4 shorted)
	PIN 1,2-3,4 : PIN 14,13,12,11-10,9,8,7 = 2.00±3%:1 (PIN 1,2 shorted and Pin 3,4 shorted and PIN 14,13,12,11 shorted and PIN 10,9,8,7 shorted)
Hi-POT :	PIN 1,2,3,4,5,6 - PIN 14,13,12,11,10,9,8,7 = 1500VAC/60Hz/60S/5mA
	PIN 1,2,3,4,5,6 - Core = 1500VAC/60Hz/60S/5mA
	PIN 14,13,12,11,10,9,8,7 - Core = 1500VAC/60Hz/60S/5mA
	PIN 1,2,3,4 - PIN 5,6 = 500VAC/60Hz/60S/5mA

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----LDT0913
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0913-50J—Multiple package