

DC/DC Transformer

- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

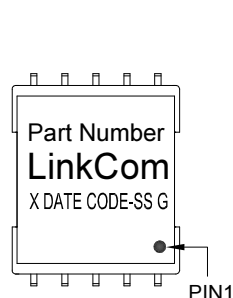
Electrical Specifications @25°C

Inductance:	PIN 2-1 = 150uH $\pm$ 7% @ 100KHz/0.1V
Leakage Inductance:	PIN 2-1 = 1.30uH Max. @ 100KHz/0.1V (PIN 3,4 shorted and PIN 7,8,9,10 shorted)
D.C.R	PIN 2-1 = 365 mohm Max.
	PIN 3-4 = 290 mohm Max.
	PIN 7,8-9,10 = 40 mohm Max.(PIN 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 2-1 : PIN 3-4 = 2.25 $\pm$ 3%:1
	PIN 2-1 : PIN 7,8-9,10 = 2.57 $\pm$ 3%:1(PIN 7,8 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500Vac/60Hz/2Sec/1mA

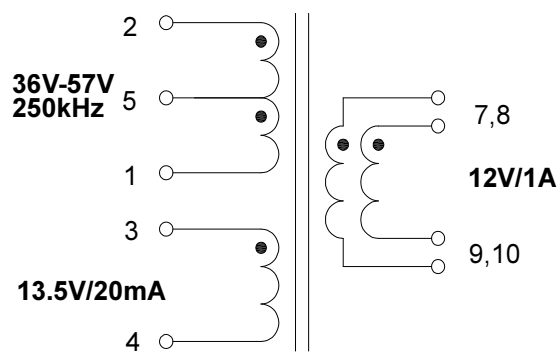
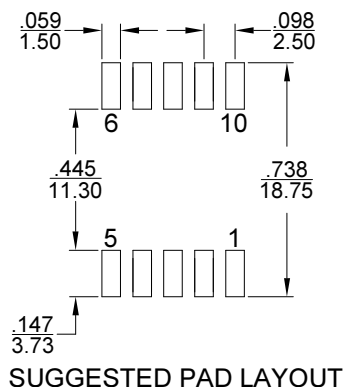
Dimensions

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

Schematic



TOP VIEW



Secondary winding to be connected in parallel on PC board.

Mark

1. Part Number----LDT0950
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS