

DC/DC Transformer

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

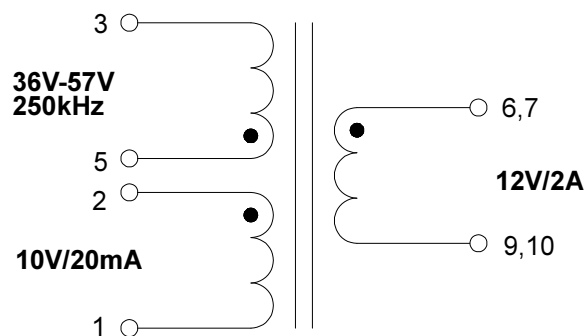
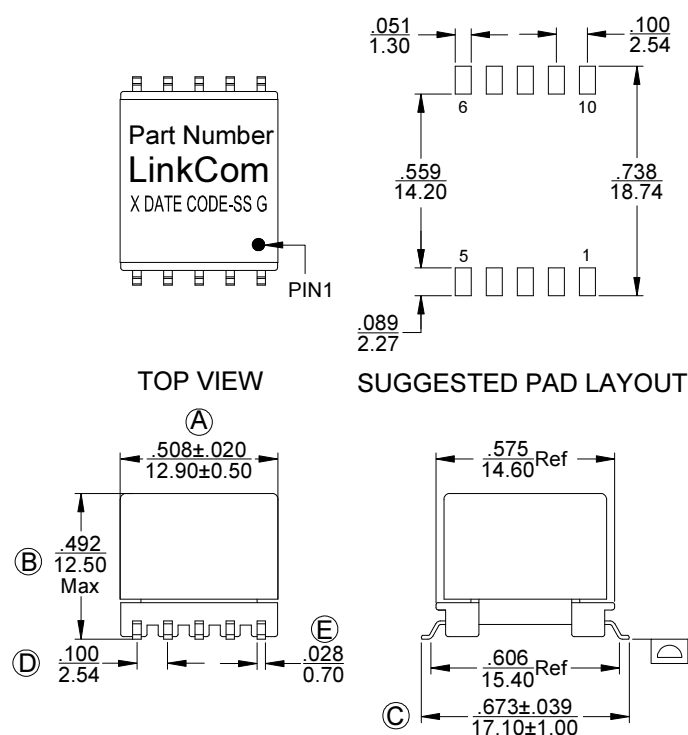
Electrical Specifications @25°C

Inductance:	PIN 5-3 = 70 uH $\pm$ 10% @ 100KHz/0.1V
Leakage Inductance:	PIN 5-3 = 1.20uH Max. @ 100KHz/0.1V (Pin 6,7,9,10 shorted)
D.C.R	PIN 5-3 = 290 mohm Max.
	PIN 2-1 = 100 mohm Max.
	PIN 6,7-9,10 = 25 mohm Max. (Pin 6,7 shorted and Pin 9,10 shorted).
Turn Ratio:	PIN 5-3 : PIN 2-1 = 3.20 $\pm$ 3%:1
	PIN 5-3 : PIN 6,7-9,10 = 2.91 $\pm$ 3%:1 (Pin 6,7 shorted and Pin 9,10 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



Secondary winding to be connected in parallel on PC board.

Mark

1. Part Number----LDT6070
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT6070-50R - Tape reel