

DC/DC Transformer

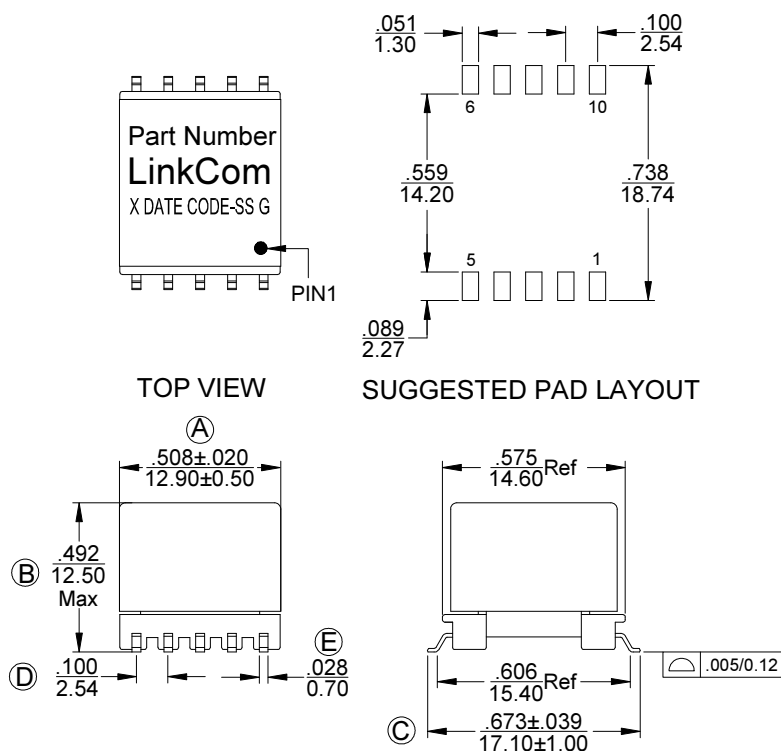
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

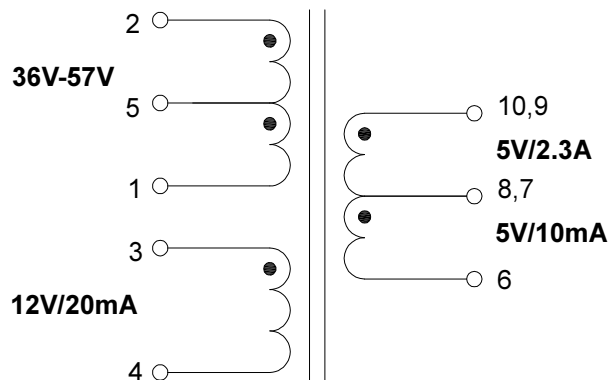
Inductance:	PIN 2-1 = 150 uH $\pm$ 10% @ 100KHz/0.1V
Leakage Inductance:	PIN 2-1 = 1.80uH Max. @ 100KHz/0.1V(Pin 3,4 shorted Pin 10,9,8,7,6 shorted)
D.C.R	PIN 2-1 = 350 mohm Max.
	PIN 3-4 = 365 mohm Max.
	PIN 10,9-8,7 = 16.3 mohm Max. (Pin 10,9 shorted and Pin 8,7 shorted).
	PIN 7-6 = 65 mohm Max.
Turn Ratio:	PIN 2-1 : PIN 3-4 = 2.40 $\pm$ 3%:1
	PIN 2-1 : PIN 10,9-8,7 = 6.00 $\pm$ 3%:1 (Pin 10,9 shorted and Pin 8,7 shorted).
	PIN 2-1 : PIN 7-6 = 6.00 $\pm$ 3%:1
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



Mark

1. Part Number---LDT6012
2. X---PRODUCT LINE or BLANK
3. DATE CODE---YYWW
4. SS---53
5. G---RoHS

Package info

LDT6012-53R - Tape reel