

DC/DC Transformer

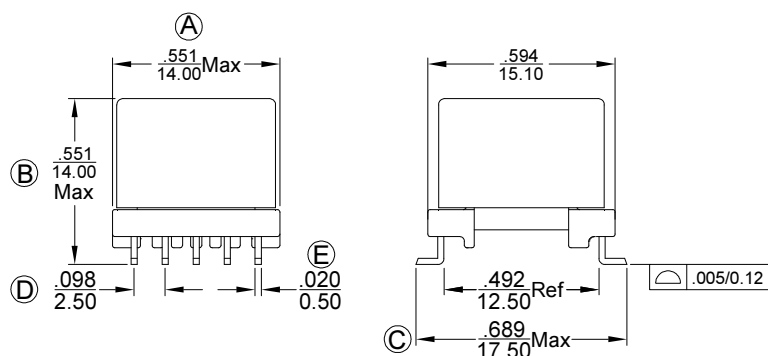
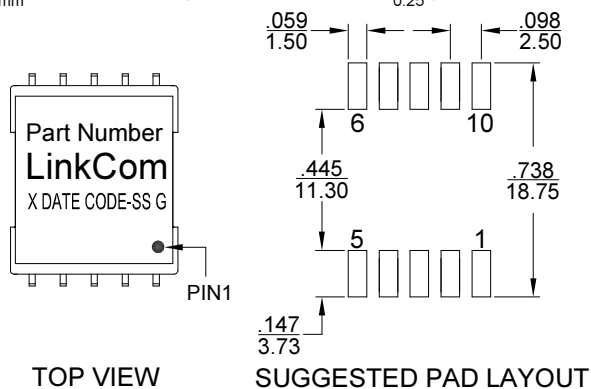
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

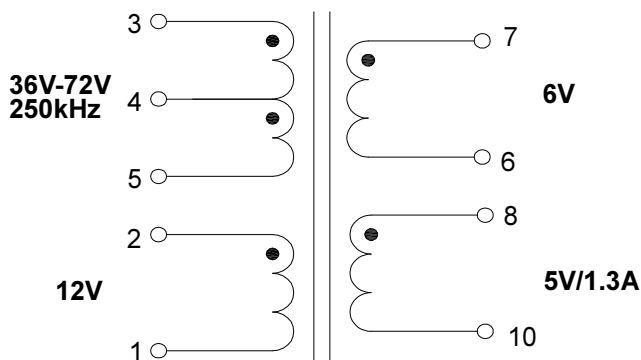
Inductance:	PIN 3-5 = 240uH ±10% @ 10KHz/0.1V
Leakage Inductance:	PIN 3-5 = 1.3uH Max. @ 100KHz/0.1V (PIN 2,1 shorted ; 6,7,8,10 shorted)
D.C.R	PIN 3-5 = 310 mohm Max.
	PIN 2-1 = 165 mohm Max.
	PIN 7-6 = 52 mohm Max.
	PIN 8-10 = 17 mohm Max.
Turn Ratio:	PIN 3-5 : PIN 2-1 = 2.35±3%:1
	PIN 3-5 : PIN 7-6 = 4.71±3%:1
	PIN 3-5 : PIN 8-10 = 5.5±3%:1
Hi-POT :	PRI. – SEC. = 1500Vrms/60Hz/60Sec/1mA

Dimensions

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



Schematic



Mark

1. Part Number----LDT0973
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0973-50R—Tape Reel