

DC/DC Transformer

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

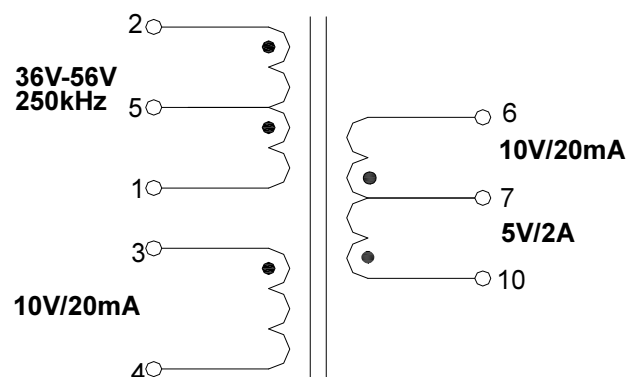
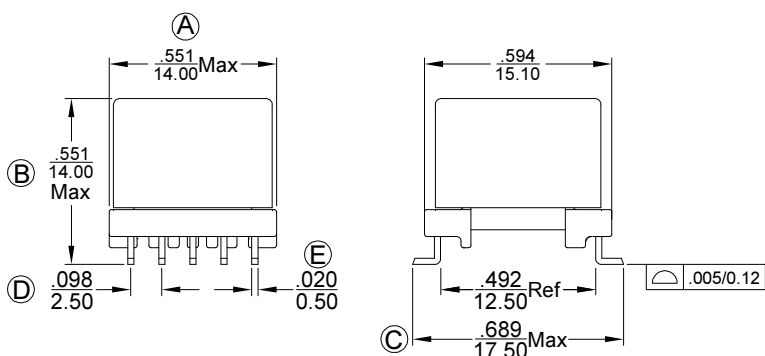
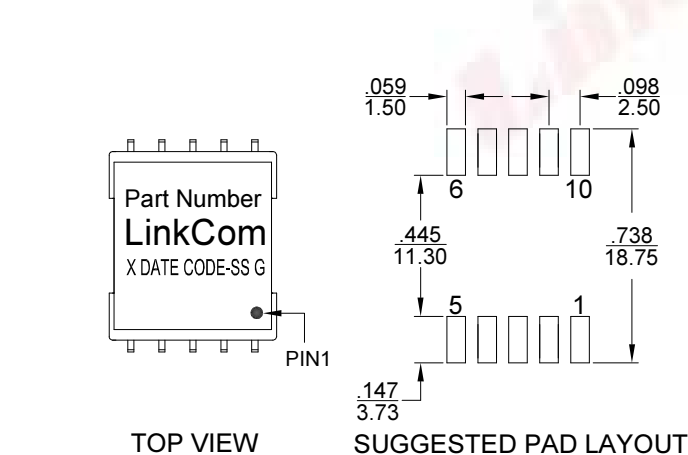
Electrical Specifications @25°C

Inductance:	PIN 2-1 = 133uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 2-1 = 1.50uH Max. @ 100KHz/0.1V (Pin 3,4 shorted and Pin 6,7,10 shorted)
D.C.R	PIN 2-1 = 350 mohm Max.
	PIN 3-4 = 310 mohm Max.
	PIN 7-6 = 120 mohm Max.
	PIN 10-7 = 16 mohm Max.
Turn Ratio:	PIN 2-1 : PIN 3-4 = 2.77±3%:1
	PIN 2-1 : PIN 7-6 = 6.00±3%:1
	PIN 2-1 : PIN 10-7 = 6.00±3%:1
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



Mark

1. Part Number----LDT0591
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----51
5. G----RoHS

Package info

LDT0591-51R - Tape reel