

DC/DC Transformer

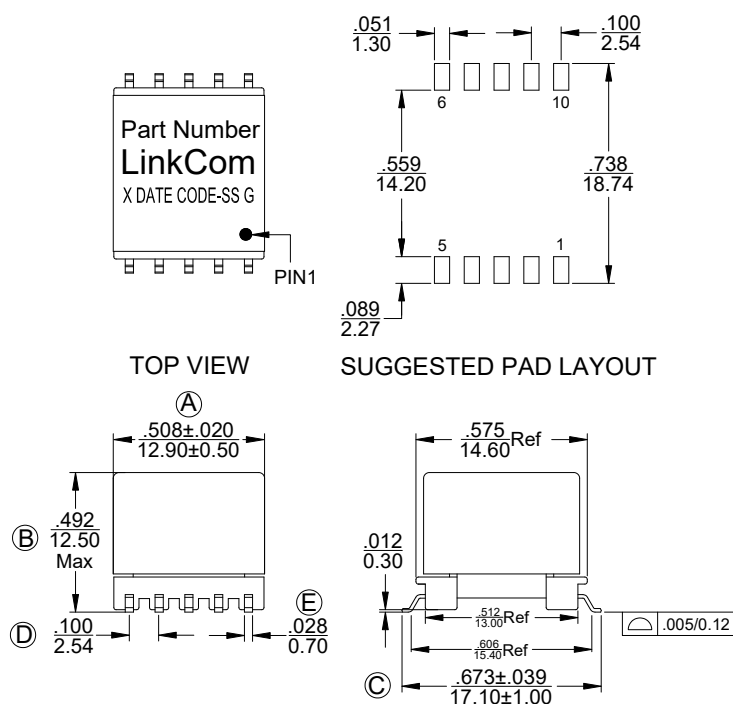
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

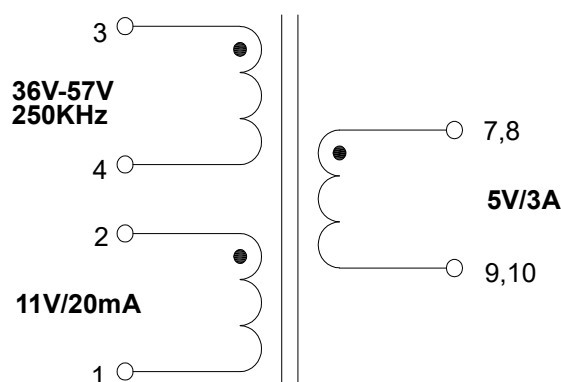
Inductance:	PIN 3-4 = 127uH ±10% @ 250KHz/0.1V
Leakage Inductance:	PIN 3-4 = 1.00uH Max. @ 250KHz/0.1V(Pin 2,1 shorted and Pin 7,8,9,10 shorted)
D.C.R	PIN 3-4 = 220 mohm Max.
	PIN 2-1 = 155 mohm Max.
	PIN 7,8-9,10 = 18.0 mohm Max.(Pin 7,8 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 3-4 : PIN 2-1 = 1.88±3%:1
	PIN 3-4 : PIN 7,8-9,10 = 4.29±3%:1(Pin 7,8 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 windings to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT0658
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----52
5. G----RoHS

Package info

LDT0658-52R - Tape reel