

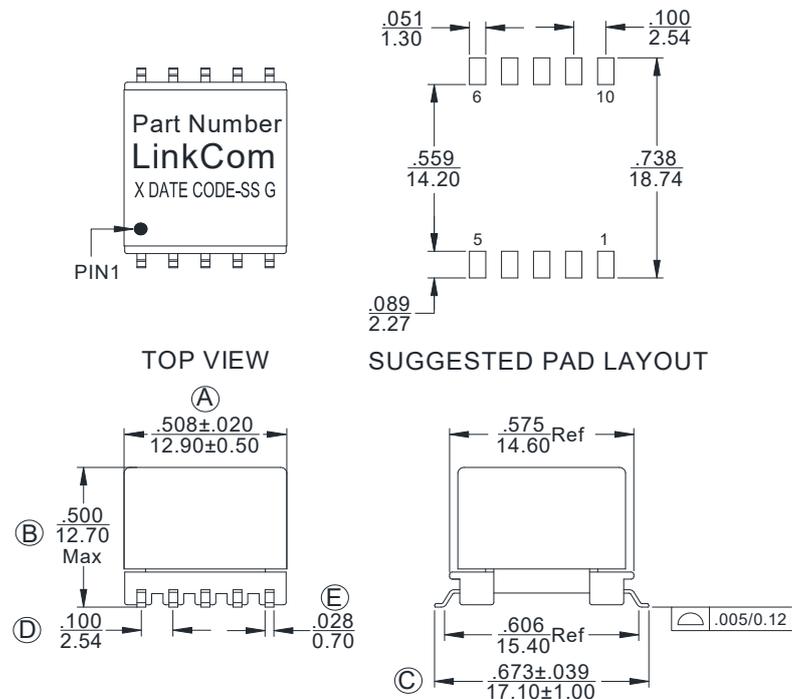
DC/DC Transformer

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

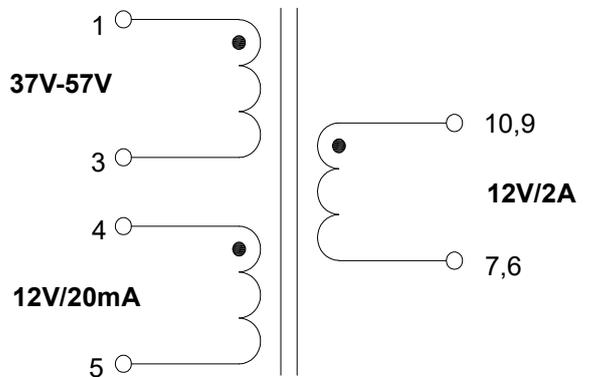
Electrical Specifications @25°C	
Inductance:	PIN 1-3 = 42uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-3 = 1.00uH Max. @ 100KHz/0.1V (Pin 6,7,9,10 shorted)
D.C.R	PIN 1-3 = 180 mohm Max.
	PIN 4-5 = 100 mohm Max.
	PIN 10,9-7,6 = 17 mohm Max. (Pin 10,9 shorted and Pin 7,6 shorted)
Turn Ratio:	PIN 1-3 : PIN 4-5 = 3.00±3% : 1
	PIN 1-3 : PIN 10,9-7,6 = 3.00±3% : 1 (Pin 10,9 shorted and Pin 7,6 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----LDT6058
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----53
5. G----RoHS

Package info

LDT6058-53R - Tape reel