

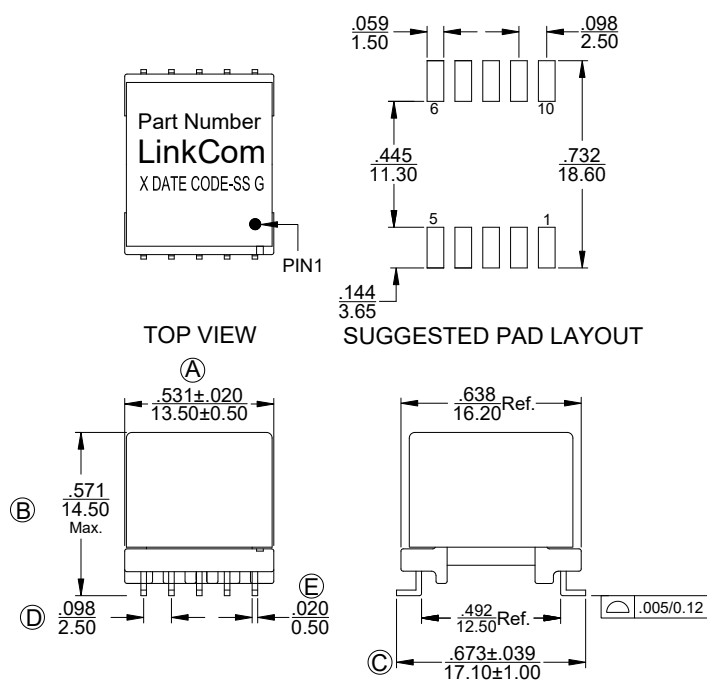
DC/DC Transformer

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

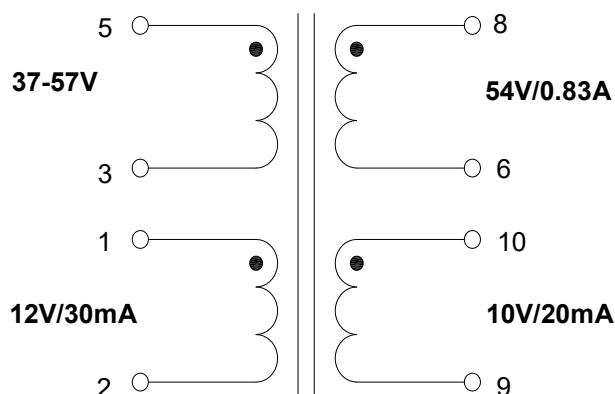
Electrical Specifications @25°C	
Inductance:	PIN 5-3 = 22.5uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 5-3 = 0.80uH Max. @ 100KHz/0.1V (PIN 10,9,8,6 shorted)
D.C.R	PIN 5-3 = 45 mohm Max.
	PIN 1-2 = 60 mohm Max.
	PIN 8-6 = 93 mohm Max.
	PIN 10-9 = 35 mohm Max.
Turn Ratio:	PIN 5-3 : PIN 1-2 = 3.00±3%:1
	PIN 5-3 : PIN 8-6 = 0.67±3%:1
	PIN 5-3 : PIN 10-9 = 4.00±3%:1
Hi-POT :	PRI. – SEC. = 2250VDC/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----LDT1059
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----53
5. G----RoHS

Package info

LDT1059 -53R - Tape reel