

DC/DC Transformer

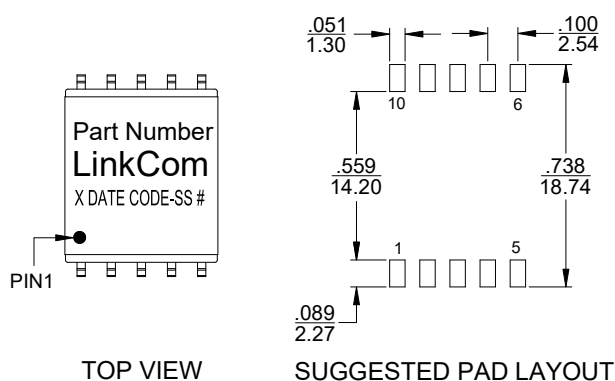
- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

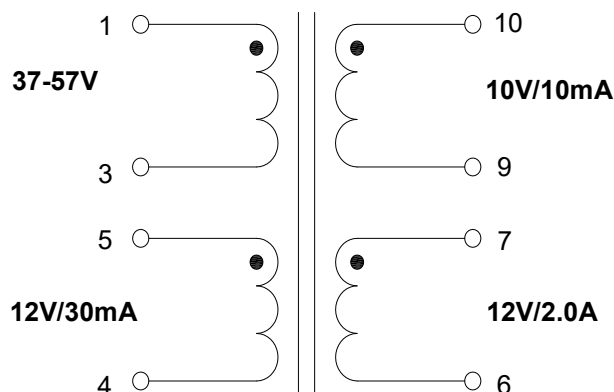
Inductance:	PIN 1-3 = 70uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-3 = 0.80uH Max. @ 100KHz/0.1V (Pin 5,4 shorted and Pin 6,7,8,9,10 shorted)
D.C.R	PIN 1-3 = 165 mohm Max.
	PIN 5-4 = 175 mohm Max.
	PIN 10-9 = 110 mohm Max.
	PIN 7-6 = 22 mohm Max.
Turn Ratio:	PIN 1-3 : PIN 5-4 = 2.89±3%:1
	PIN 1-3 : PIN 10-9 = 3.25±3%:1
	PIN 1-3 : PIN 7-6 = 2.89±3%:1
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



Mark

1. Part Number----LDT6096
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. #----H for Halogen Free

Package info

LDT6096-50HR - Tape reel