

DC/DC Transformer

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

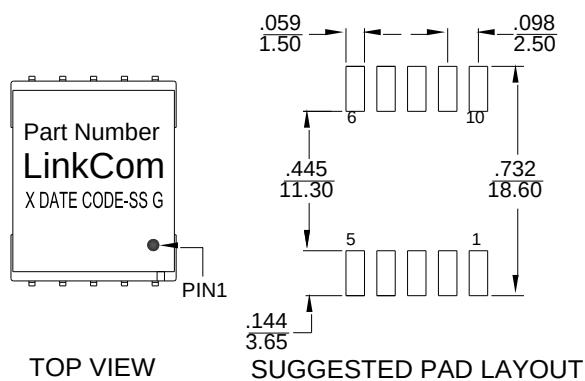


Electrical Specifications @25°C

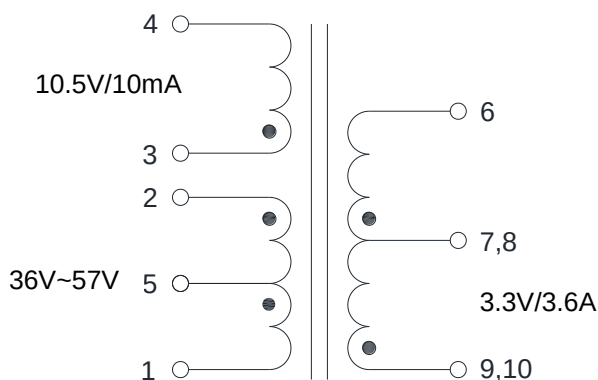
Inductance:	PIN 1-2 = 140 uH $\pm$ 7% @ 1KHz/0.5V
Leakage Inductance:	PIN 1-2 = 1.1 uH Max. @ 250KHz/0.5V (PIN 3,4 shorted ; 6,7,8,9,10 shorted)
Interwinding Capacitance:	PIN 1,2-10,9,8,7 = 70 pF @ 100KHz/0.5V (PIN 1,2 shorted ; 7,8,9,10 shorted)
Saturation Current	1.5A @ 10% roll off from initial inductance 1.7A @ 20% roll off from initial inductance
D.C.R	PIN 1-2 = 150 mohm Max.
	PIN 7,8-9,10 = 5 mohm Max.
	PIN 4-3 = 150 mohm Max.
	PIN 6-7 = 35 mohm Max.
Turn Ratio:	PIN 1-2 : PIN 7,8-9,10 = 10 $\pm$ 3%:1
	PIN 1-2 : PIN 4-3 = 2.85 $\pm$ 3%:1
	PIN 1-2 : PIN 6-7 = 6.66 $\pm$ 3%:1
Hi-POT :	PRI. – SEC. = 1500Vrms/60Hz/2S/1mA

Dimensions

(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



Schematic



Mark

1. Part Number----LDT1023
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT1023-50R-Tape reel