

DC/DC Transformer

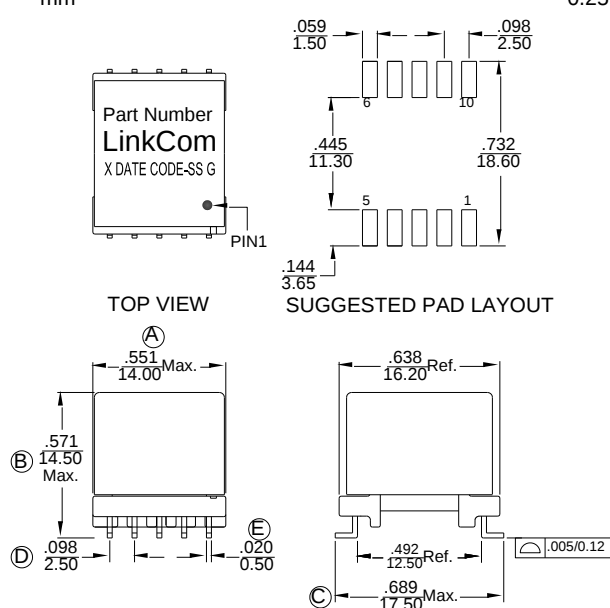
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +85°C
- Storage Temperature -40°C to +85°C



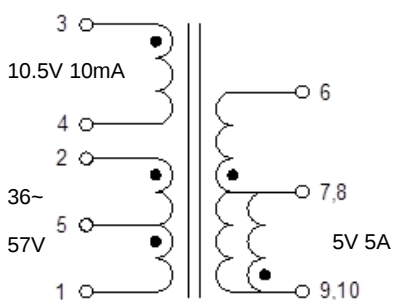
Electrical Specifications @25°C	
Inductance	PIN 1-2 = 65 uH $\pm$ 7% @ 1KHz/0.5V
Leakage Inductance	PIN 1-2 = 0.85 uH Max. @ 250KHz/0.5V (PIN 3,4 shorted ; 6,7,8,9,10 shorted)
Interwinding Capacitance	PIN 1,2-7,8,9,10 = 70 pF Max. @ 100KHz/0.5V (PIN 1,2 shorted ; 7,8,9,10 shorted)
D.C.R	PIN 1-2 = 120 mohm Max.
	PIN 7,8-9,10 = 5.5 mohm Max.
	PIN 4-3 = 80 mohm Max.
	PIN 6-7 = 65 mohm Max.
Turn Ratio	PIN 1-2 : PIN 7,8-9,10 = 6 $\pm$ 3%:1
	PIN 1-2 : PIN 4-3 = 2.57 $\pm$ 3%:1
	PIN 1-2 : PIN 6-7 = 6 $\pm$ 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----LDT1038
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT1038-50R-Tape reel