

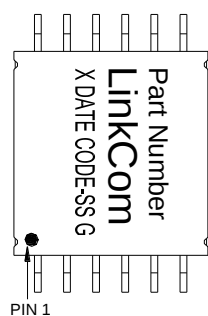
DC/DC Transformer

- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

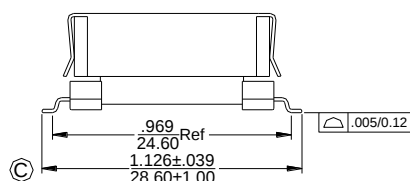
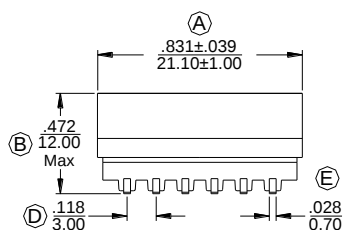
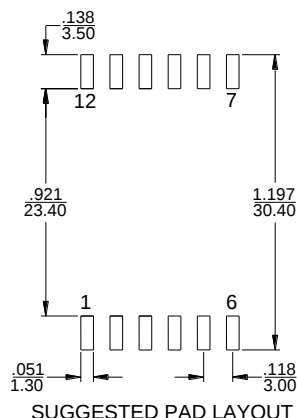
Electrical Specifications @25°C	
Inductance:	PIN 3,4-1,2 = 70.0uH ±10% @ 250KHz/0.1V (Pin 3,4 shorted and 1,2 shorted)
Leakage Inductance:	PIN 3,4-1,2 = 1.0uH Max. @ 250KHz/0.1V (Pin 3,4 shorted and 1,2 shorted ; 5,6 shorted ; 7,8,9,10,11,12 Shorted)
D.C.R	PIN 3,4-1,2= 90 mohm Max. (Pin 3,4 shorted and 1,2 shorted)
	PIN 5-6 = 135 mohm Max.
	PIN 10,9-8,7 = 8.0 mohm Max. (Pin 10,9 shorted and 8,7 shorted)
	PIN 11-12 = 70 mohm Max.
Turn Ratio:	PIN 3,4-1,2 : PIN 5-6 = 2.44±3%:1 (Pin 3,4 shorted and 1,2 shorted)
	PIN 3,4-1,2 : PIN 10,9-8,7 = 5.50±3%:1 (Pin 3,4 shorted and 1,2 shorted and 10,9 shorted and 8,7 shorted)
	PIN 3,4-1,2 : PIN 11-12 = 4.44±3%:1 (Pin 3,4 shorted and 1,2 shorted)
Hi-POT :	PRI. – SEC. = 1500V _{AC} /60Sec/1mA
	PRI. – SEC. = 2250V _{DC} /60Sec/1mA

Dimensions

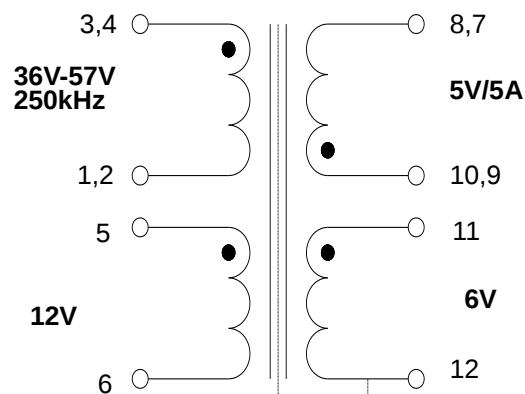
((Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



TOP VIEW



Schematic



Mark

- 1.Part Number----LDT0958
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----56
- 5.G----RoHS

Package info

LDT0958-56R - Tape reel