

DC/DC Transformer

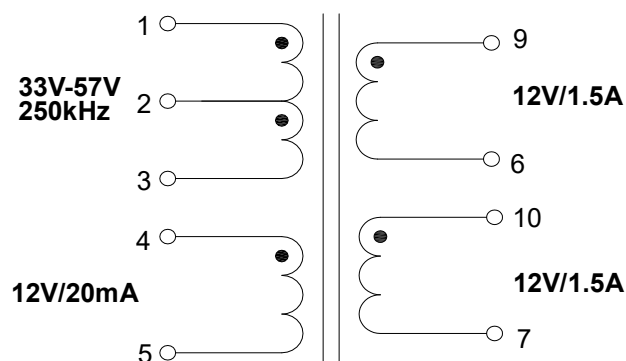
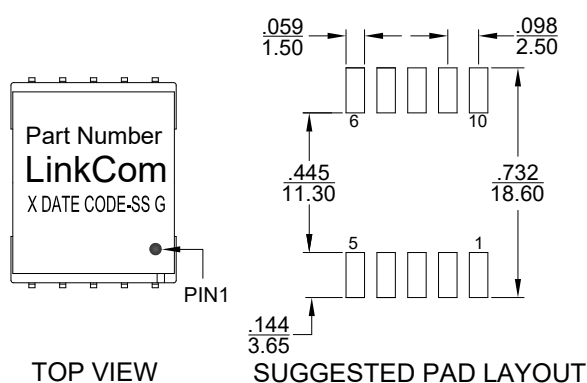
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C	
Inductance:	PIN 1-3 = 48uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-3 = 0.60 uH Max. @ 100KHz/0.1V (PIN 10,9,8,7 shorted and PIN 4,5 shorted)
D.C.R.:	PIN 1-3 = 70 mohm Max.
	PIN 4-5 = 75 mohm Max.
	PIN 9-6 = 17 mohm Max.
	PIN 10-7 = 20 mohm Max.
Turn Ratio:	PIN 1-3 : PIN 4-5 = 2.67±3%:1
	PIN 1-3 : PIN 9-6 = 2.67±3%:1
	PIN 1-3 : PIN 10-7 = 2.67±3%:1
Hi-POT :	PRI. – SEC. = 1500VAC/60Hz/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----LDT1003
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----51
5. G----RoHS

Package info

LDT1003-51R—Tape Reel

註:凡立水含浸