

DC/DC Transformer

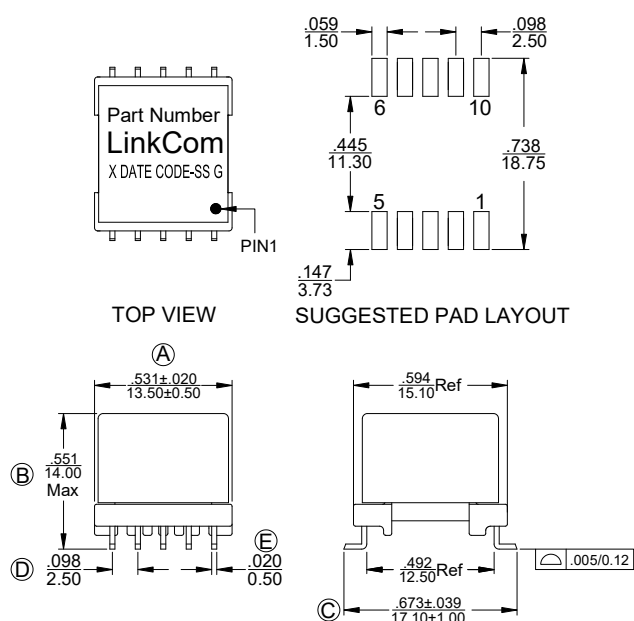
- Forward Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

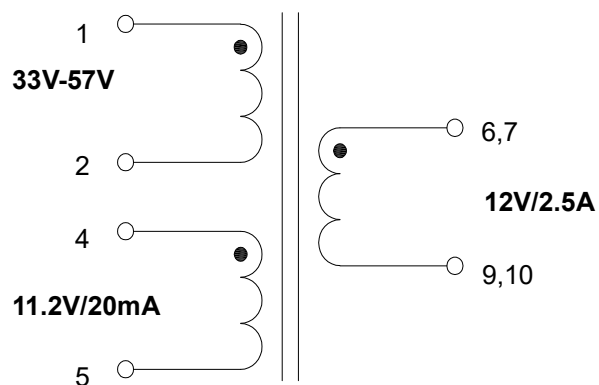
Inductance:	PIN 1-2= 100uH ±10% @ 100K/0.1V
Leakage Inductance:	PIN 1-2= 0.875uH Max. @ 100K/0.1V (PIN 4,5,6,7,9,10 Shorted)
D.C.R	PIN 1-2= 160 mohm Max.
	PIN 4-5 = 370 mohm Max.
	PIN 6,7- 9,10 = 38 mohm Max. (PIN 6,7 shorted 9,10 Shorted)
Turn Ratio:	PIN1-2 : 4-5= 1.92±3%:1
	PIN1-2 : PIN6,7-9,10=1.8±3%:1 (PIN 6,7 shorted 9,10 Shorted)
Hi-POT :	PRI. - SEC. =1500Vrms/60Hz/2Sec/1mA

Dimensions

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



Schematic



Secondary winding to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT0882
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0882-50R—Tape Reel