

DC/DC Transformer

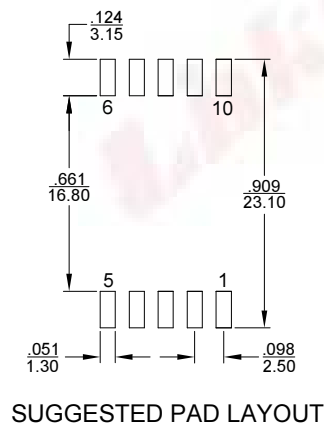
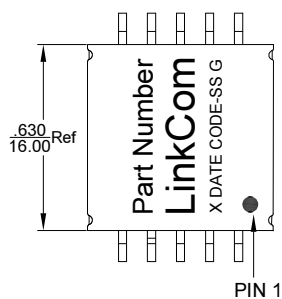
- Forward transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

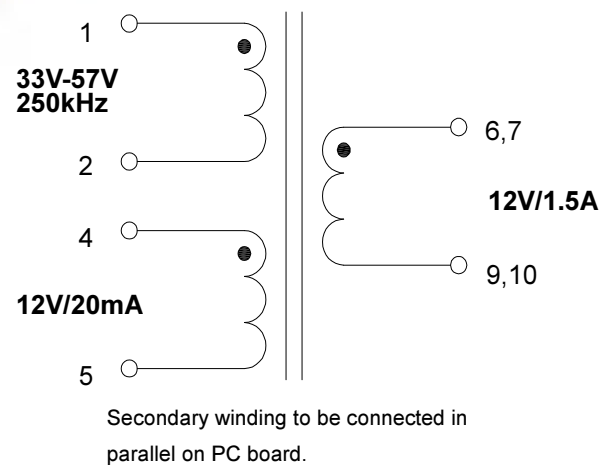
Inductance:	PIN 1-2 = 100.5uH ±15% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-2 = 0.450uH Max. @ 100KHz/0.1V (Pin 6,7,9,10 shorted)
D.C.R	PIN 1-2 = 100 mohm Max.
	PIN 4-5 = 270 mohm Max.
	PIN 6,7-9,10 = 65 mohm Max. (Pin 6,7 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 1-2 : PIN 4-5 = 1.46±3%:1
	PIN 1-2 : PIN 6,7-9,10 = 1.46±3%:1 (Pin 6,7 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1875VAC/60Hz/2S/1mA

Dimensions

(Units: mm, Unless otherwise specified, all tolerances are ±0.25)

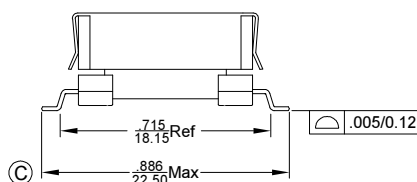
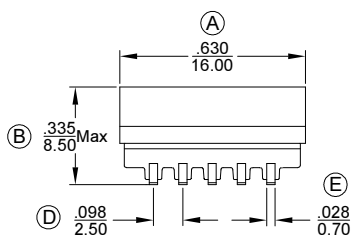


Schematic



TOP VIEW

SUGGESTED PAD LAYOUT



Mark

1. Part Number----LDT0857
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----52
5. G----RoHS

Package info

LDT0857-52R - Tape reel

PIN3 & Pin8 are NC