

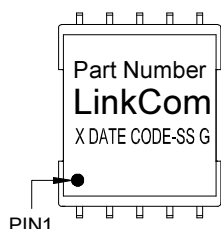
DC/DC Transformer

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

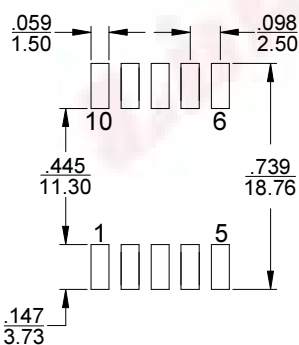
Electrical Specifications @25°C	
Inductance:	PIN 1-2 = 100.5uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-2 = 0.875uH Max. @ 100KHz/0.1V (PIN 4,5 shorted and PIN 6,7,8,9,10 shorted)
D.C.R	PIN 1-2 = 75 mohm Max.
	PIN 4-5 = 410 mohm Max.
	PIN 6,7-9,10 = 40 mohm Max. (PIN 6,7 shorted and PIN 9,10 shorted)
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. = 1500VAC/2Sec/1mA

Dimensions

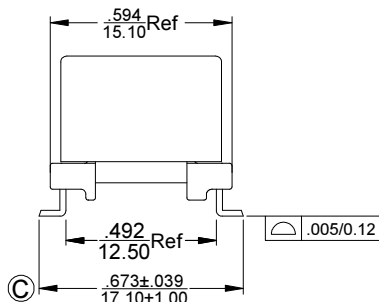
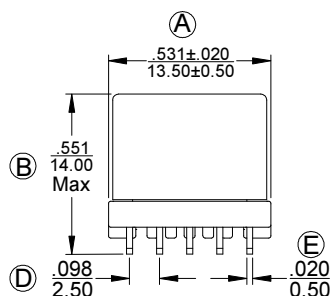
(Units: mm, Unless otherwise specified, all tolerances are ±0.25)



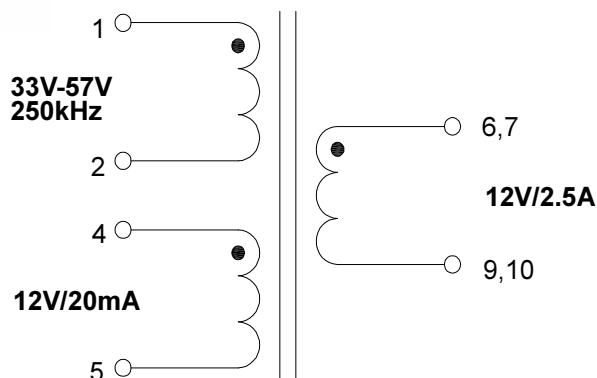
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Secondary winding to be connected in parallel on PC board.

Mark

1. Part Number----LDT6050
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT6050-50R - Tape reel