

DC/DC Transformer

- Forward transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C

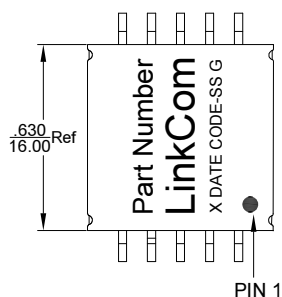
Electrical Specifications @25°C

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 Short)
D.C.R	PIN 1-2 = 100 mohm Max.
	PIN 4-5 = 270 mohm Max.
	PIN 6,7-9,10 = 65 mohm Max.(PIN 6-7,9-10 Short)
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 6-7,9-10 Short)
Hi-POT :	PRI. – SEC. = 1875VAC/60Hz/2S/1mA

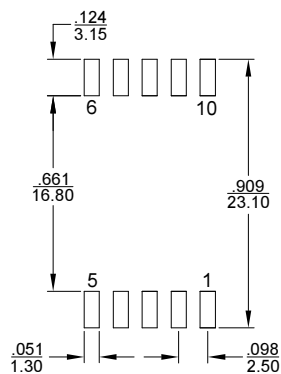
Dimensions

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

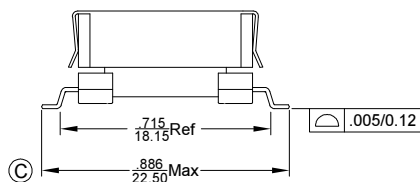
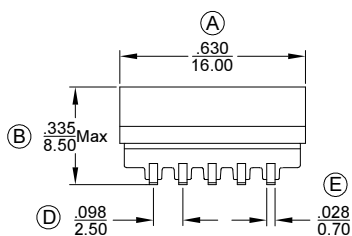
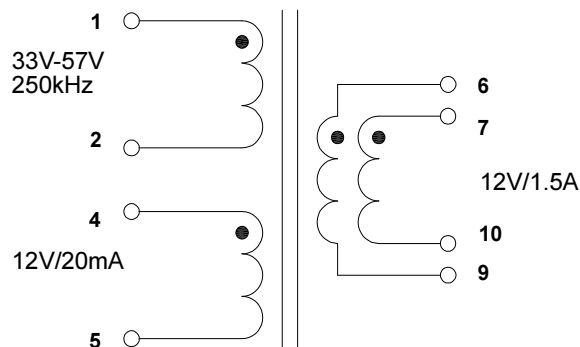
Schematic



TOP VIEW



SUGGESTED PAD LAYOUT



Mark

1. Part Number----LDT0857
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0857-50R - Tape reel

PIN3 & Pin8 are NC