

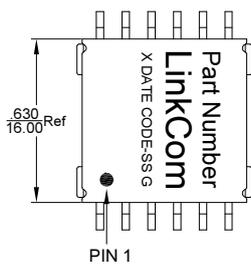
DC/DC Transformer

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

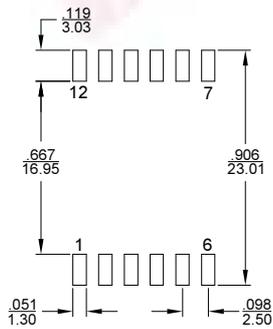
| Electrical Specifications @25°C | |
|---------------------------------|---|
| Inductance: | PIN 3-5 = 150uH ±10% @ 100KHz/0.1V |
| Leakage Inductance: | PIN 3-5 = 1.5uH Max. @ 100KHz/0.1V (PIN 7-8-9-10-11-12 Short) |
| D.C.R | PIN 3-5 = 450 mohm Max. |
| | PIN 2-1 = 560 mohm Max. |
| | PIN 12,11-10,9 = 25 mohm Max.(PIN 9-10,11-12 Short) |
| | PIN 8-7 = 290 mohm Max. |
| Turn Ratio: | PIN 3-5 : PIN 2-1 = 2.22±3%:1 |
| | PIN 3-5 : PIN 12,11-10,9 = 4.00±3%:1(PIN 9-10,11-12 Short) |
| | PIN 3-5 : PIN 8-7 = 3.33±3%:1 |
| Hi-POT : | PRI. – SEC. = 1875VAC/60Hz/2S/1mA |

Dimensions

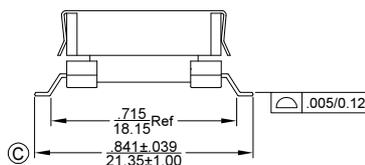
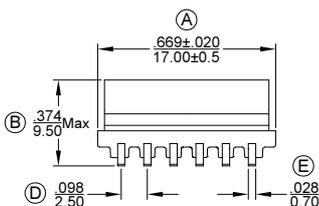
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{0.10}{0.25}$)



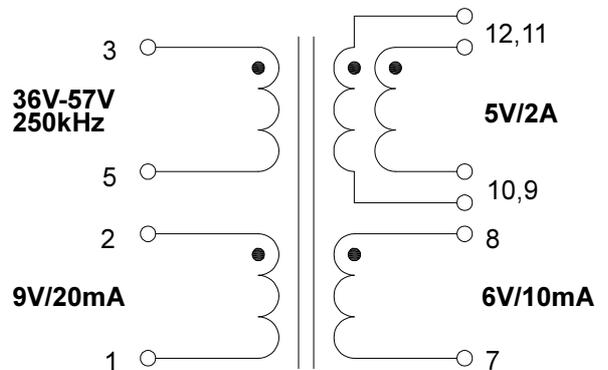
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Secondary windings to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT0828
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT0828-50R - Tape reel