

DC/DC Transformer

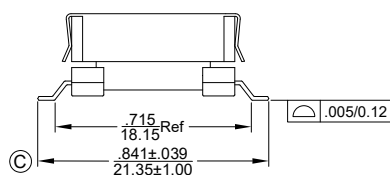
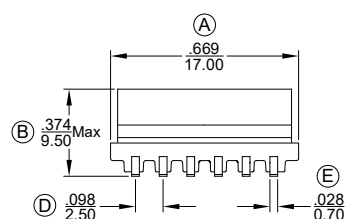
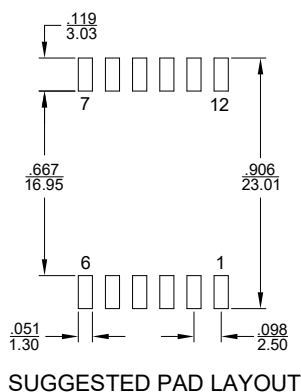
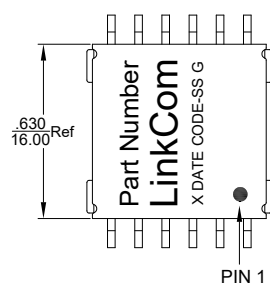
- Flyback transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C

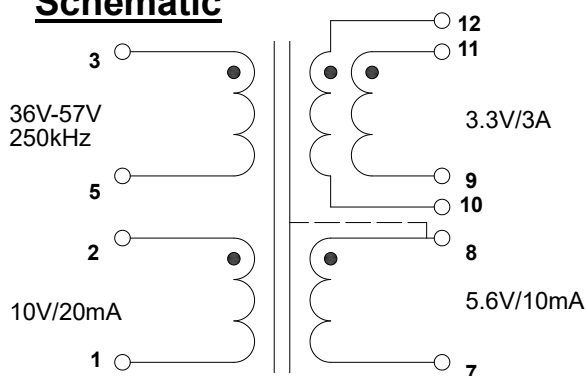
Inductance:	PIN 3-5 = 166.5uH ±10% @ 100kHz/0.1V
Leakage Inductance:	PIN 3-5 = 3.7uH Max. @ 100KHz/0.1V (PIN 12-11-10-9 Short)
D.C.R	PIN 3-5 = 1.35 ohm Max.
	PIN 2-1 = 0.76 ohm Max.
	PIN 12,11-10,9 = 15.0 mohm Max. (PIN 12-11,10-9 Short)
	PIN 8-7 = 0.33 ohm Max.
Turn Ratio:	PIN 3-5 : PIN 2-1 = 2.00±3%:1
	PIN 3-5 : PIN 12,11-10,9 = 6.50±3%:1 (PIN 12-11,10-9 Short)
	PIN 3-5 : PIN 8-7 = 3.71±3%:1
Hi-POT :	PRI. – SEC. = 1500V/60Hz/2Sec/1mA

Dimensions

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



Schematic



Mark

- 1.Part Number----LDT0859
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----56 or BLANK
- 5.G----RoHS

Package info

LDT0859-56R - Tape reel