

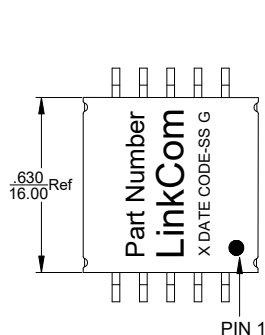
DC/DC Transformer

- Flyback Transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- Storage Temperature -40°C to +85°C
- Core type EFD15

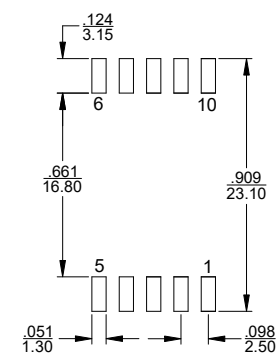
Electrical Specifications @25°C	
Inductance:	PIN 5-3 = 70.0uH $\pm$ 10% @ 100KHz/0.1V
Leakage Inductance:	PIN 5-3 = 1.30uH Max. @ 100KHz/0.1V (Pin 10,9,7,6 shorted)
D.C.R	PIN 5-3 = 250 mohm Max.
	PIN 2-1 = 275 mohm Max.
	PIN 6,7-9,10 = 33 mohm Max. (Pin 6,7 shorted and Pin 9,10 shorted)
Turn Ratio:	PIN 5-3 : PIN 2-1 = 3.20 $\pm$ 3%:1
	PIN 5-3 : PIN 6,7-9,10 = 2.91 $\pm$ 3%:1 (Pin 6,7 shorted and Pin 9,10 shorted)
Hi-POT :	PRI. – SEC. = 1500VAC/60Sec/1mA or PRI. – SEC. = 1875VAC/1Sec/1mA

Dimensions

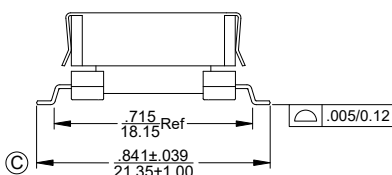
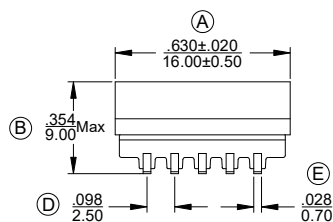
((Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$)



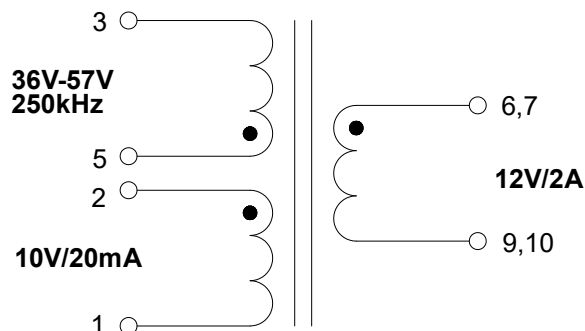
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Secondary winding to be connected in parallel on PC board.

Mark

- 1.Part Number----LDT8209
- 2.X----PRODUCT LINE or BLANK
- 3.DATE CODE----YYWW
- 4.SS----55
- 5.G----RoHS

Package info

LDT8209-55R - Tape reel