

DC/DC Transformer

- Forward transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +165°C
- Storage Temperature -40°C to +85°C

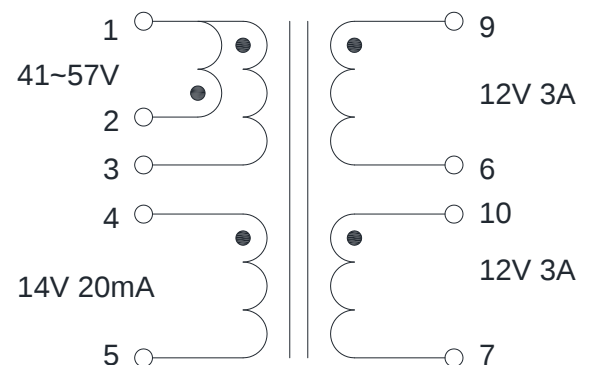
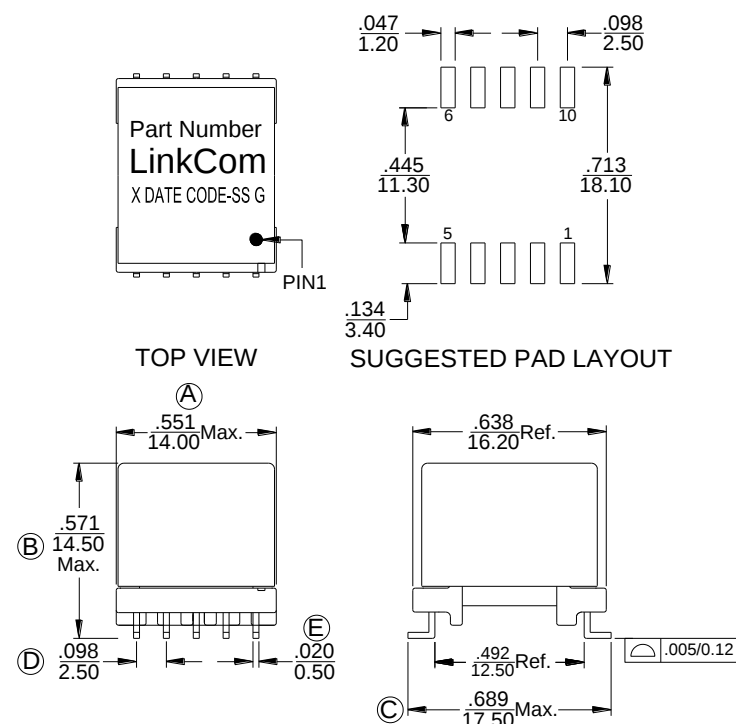


Electrical Specifications @25°C	
Inductance	PIN 1-3 = 100uH $\pm$ 12% @ 100KHz/0.1V
Leakage Inductance	PIN 1-3 = 0.24uH Max. @ 100KHz/0.1V (PIN 4,5,6,7,9,10 shorted)
D.C.R	PIN 1-3 = 49 mohm Max.
	PIN 2-1 = 240 mohm Max.
	PIN 4-5 = 302 mohm Max.
	PIN 9-6 = 36 mohm Max.
	PIN 10-7 = 34 mohm Max.
Turn Ratio	PIN 1-3 : PIN 2-1 = 1.00 $\pm$ 3%:1
	PIN 1-3 : PIN 4-5 = 1.33 $\pm$ 3%:1
	PIN 1-3 : PIN 9-6 = 1.50 $\pm$ 3%:1
	PIN 1-3 : PIN 10-7 = 1.50 $\pm$ 3%:1
Hi-POT	PRI. – SEC. = 1500VAC/60S/1mA

Dimensions

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

Schematic



Mark

1. Part Number----LDT1057
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT1057-50R - Tape reel