

DC/DC Transformer

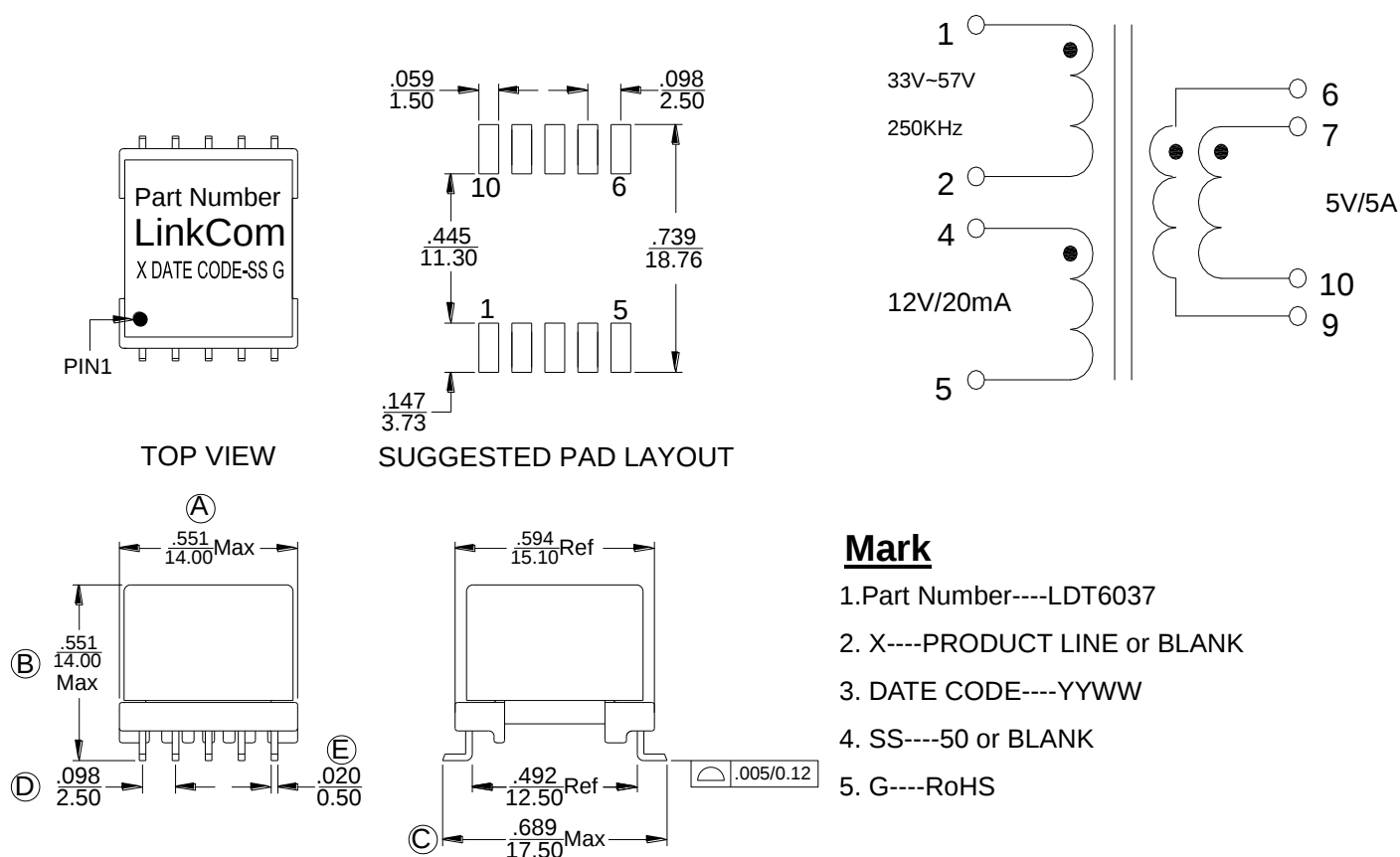
- Forward transformer for PoE applications
- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

Electrical Specifications @25°C	
Inductance:	PIN 1-2 = 100 uH ±10% @ 100KHz/0.1V
Leakage Inductance:	PIN 1-2 = 0.55 uH Max. @ 100KHz/0.1V (PIN 4,5 shorted ; 6,7,9,10 shorted)
D.C.R	PIN 1-2 = 114 mohm Max.
	PIN 4-5 = 163 mohm Max.
	PIN 6,7-9,10 = 6 mohm Max.
Turn Ratio:	PIN 1-2 : PIN 4-5 = 1.82±3%:1
	PIN 1-2 : PIN 6,7-9,10 = 4±3%:1
Hi-POT :	PRI. – SEC. = 1500Vrms/60Hz/2S/1mA

Dimensions

Schematic

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



Mark

1. Part Number----LDT6037
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LDT6037-50R-Tape reel