

**Gate Drive Transformer**

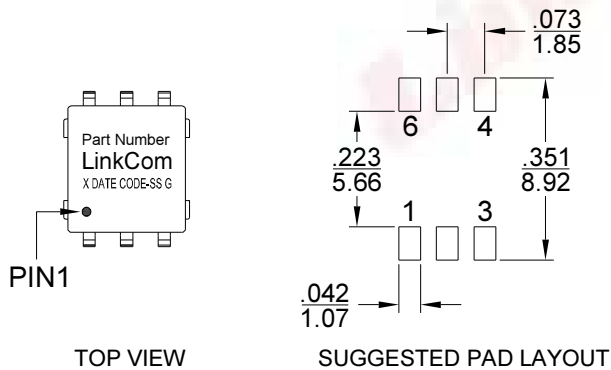
- RoHS Compliant
- Operating Temperature -40°C to +85°C

**Electrical Specifications @25°C**

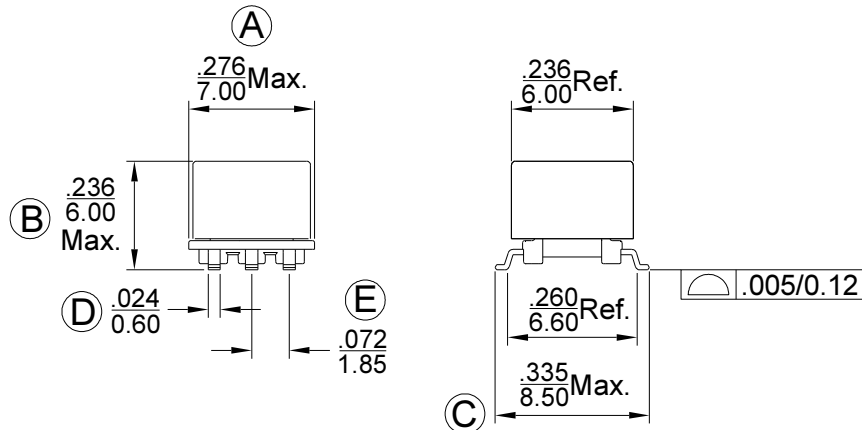
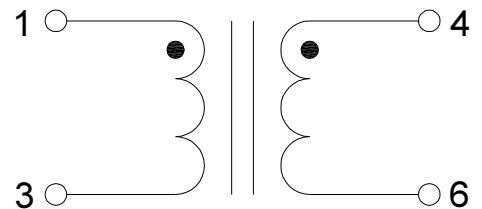
Inductance	PIN 4-6 = 296 uH min. @ 10kHz/0.1V/Series
Leakage Inductance	PIN 4-6 = 1.5 uH Max. @ 100kHz/0.1V/Series (PIN 1-3 Short)
Interwinding Capacitance	PIN 1-4 = 14 pF Max. @ 100kHz/0.1V/Series (PIN 1-3, 4-6 Short)
D.C.R	PIN 1-3 = 0.655 ohm Max.
	PIN 4-6 = 0.795 ohm Max.
Turn Ratio	PIN 4-6 : PIN 1-3 = 1.00±2% : 1
Hi-POT	PRI.-SEC-. = 1500V <sub>DC</sub> /1Sec/0.5mA

**Dimensions**

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



**Schematic**



**Mark**

1. Part Number----LDT0593
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 OR BLANK
5. G----RoHS

**Package info**

LDT0593-50R - Tape reel