

## Gate Drive Transformer

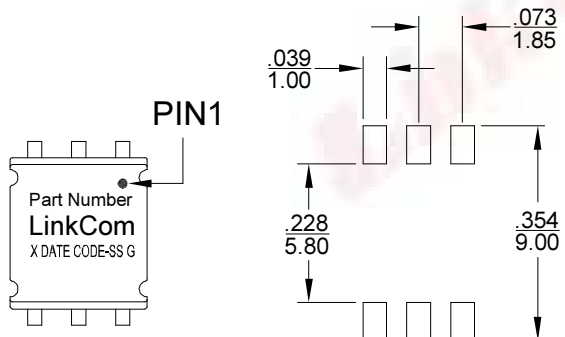
- RoHS Compliant
- Operating Temperature -40°C to +85°C

### Electrical Specifications @25°C

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| Inductance:              | PIN 4-6 = 296 uH min. @ 100KHz/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 = 20pF Max. @ 100KHz/0.1V/Series (PIN 1-3, 4-6 Short) |
| D.C.R                    | PIN 1-3 = 1.3 ohm Max.                                        |
|                          | PIN 4-6 = 1.3 ohm Max.                                        |
| Turn Ratio:              | PIN 1-3 : PIN 4-6 = 1.00±2% : 1                               |
| SRF                      | PIN 1-6 = 1.5 MHz min. (PIN 3-4 Short)                        |
| Hi-POT                   | PRI.-SEC-. = 1500VDC/1Sec/0.5mA                               |

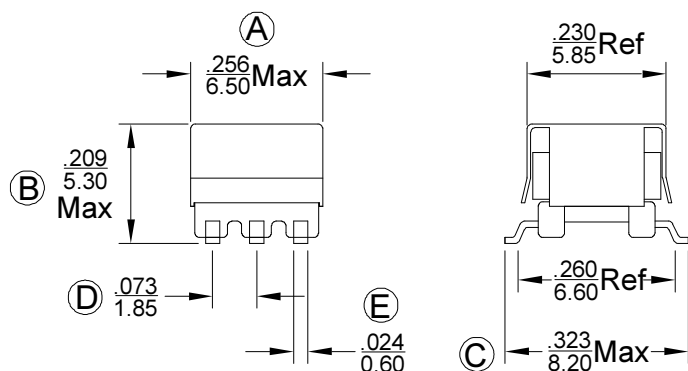
### Dimensions

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

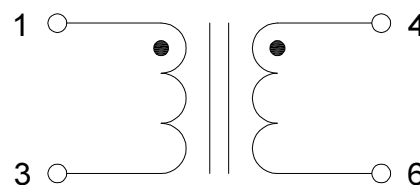


TOP VIEW

SUGGESTED PAD LAYOUT



### Schematic



### Mark

1. Part Number---LDT0826
2. X---PRODUCT LINE or BLANK
3. DATE CODE---YYWW
4. SS---50 OR BLANK
5. G---RoHS

### Package info

LDT0826-50R - Tape reel