

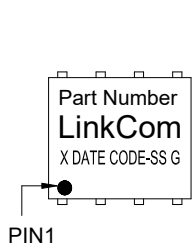
**DC/DC Transformer**

- RoHS Compliant
- Operating Temperature -40°C to +105°C
- Storage Temperature -40°C to +85°C

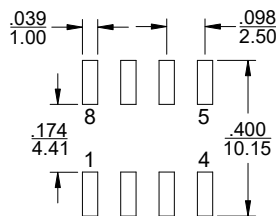
<b>Electrical Specifications @25°C</b>	
Inductance:	PIN 3-4 = 3.1 uH ±10%. @ 100KHz/0.1V
	PIN 3-4 = 2.7 uH Min. @ 100KHz/0.1V/6.0ADC
Leakage inductance	PIN 3-4 = 200 nH Max.@ 100KHz/0.1V (PIN 1,8,7 shorted)
D.C.R	PIN 3-4 = 42 mohm Max.
	PIN 1-7 = 490 mohm Max.
Turn Ratio:	PIN 1-7 : PIN 3-4 = 4.00 ±3% : 1
Hi-POT :	PRI. – SEC. = 500 V <sub>AC</sub> /1Sec/1mA

**Dimensions**

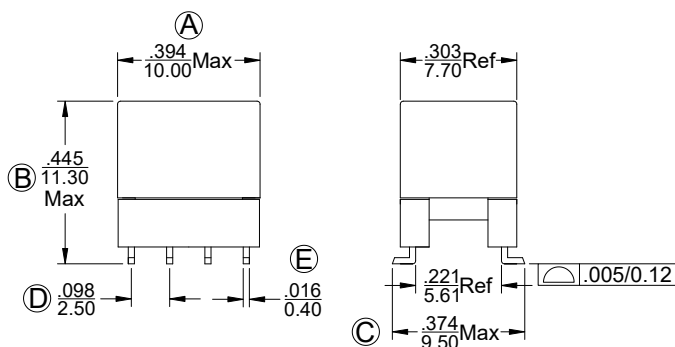
(Units:  $\frac{\text{Inches}}{\text{mm}}$  , Unless otherwise specified, all tolerances are  $\pm\frac{.010}{0.25}$  )



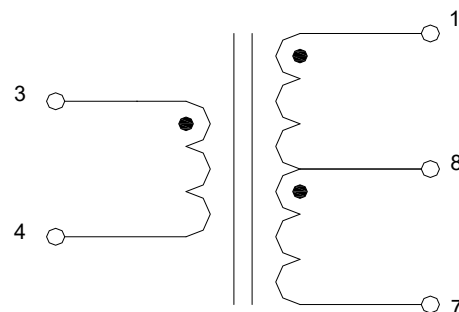
TOP VIEW



SUGGESTED PAD LAYOUT



**Schematic**



**Mark**

1. Part Number----LDT2512
2. X---PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----51
5. G----RoHS

**Package info**

LDT2512-51R—Tape reel