

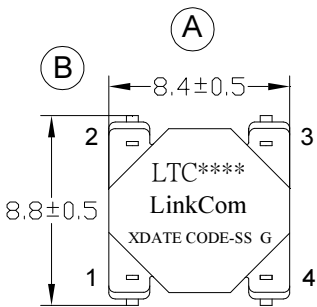
Gate Driver Transformer

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

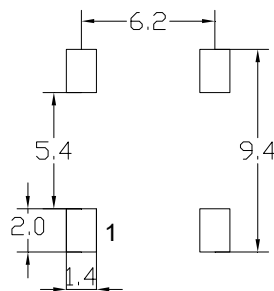
Electrical Specifications @25°C	
Inductance:	PIN 1-2= 1.0mH Min.@ 100KHz/0.1V
Leakage Inductance:	PIN 1-2= 500nH Max. @ 100KHz/0.1V (PIN3-4 Short)
Intertwining capacitance	PIN 1-3= 35pF Max. @100KHz/0.1V
D.C.R	PIN 1-2 = 550 mohm Max.
	PIN 3-4 = 550 mohm Max.
ET	27.2(V-usec)
S.R.F.	1.0MHz Min.
Hi-POT :	PRI. – SEC. =2250VDC/1Second/1mA
Turn Ratio:	PIN 1-2 : PIN 3-4 = 1±2% :1

Dimensions

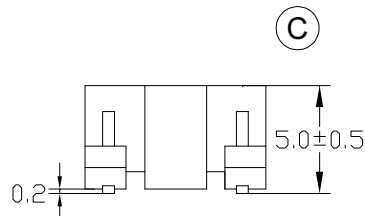
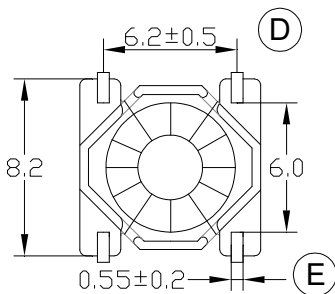
(Units: mm, Unless otherwise specified, all tolerances are ±0.25)



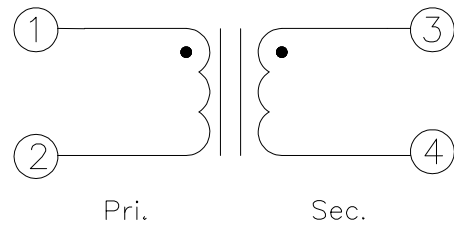
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

- 1.LTC****----LTC0282
2. X----PRODUCT LINE OR BLANK
3. DATE CODE----YYWW
- 4.SS----50 OR BLANK
5. G----RoHS

Package info

LTC0282-50R - Tape reel