

**HomePlug Transformer**

- RoHS Compliant
- Operating Temperature -40°C to +85°C
- 2MHz to 30MHz bandwidth

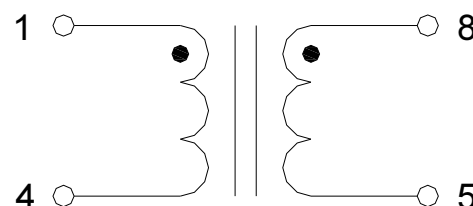
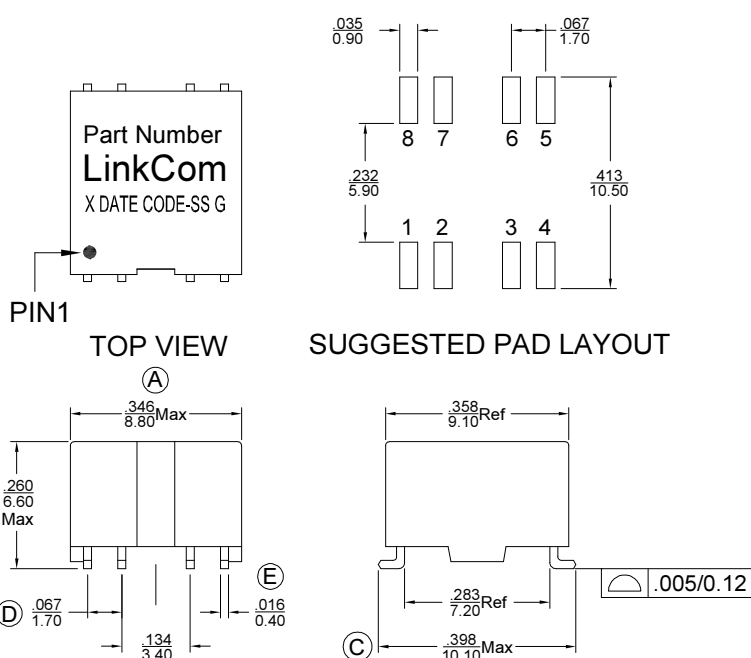
**Electrical Specifications @25°C**

Inductance	PIN 8-5 = 10 uH Min. @ 2 MHz/0.1 V/Series
	PIN 1-4 = 10 uH Min. @ 2MHz/0.1 V/Series
Leakage Inductance	PN 8-5 = 90 nH Max. @ 2MHz/0.1 V (PIN 1,4 shorted)
Turn Ratio	PIN 8-5 : PIN 1-4 = 1±2% :1
Hi-POT.	Pri.-Sec. = 3750 VAC/1 Second/1 mA

**Dimensions**

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

**Schematic**



**Mark**

1. Part Number----LTC0508
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

**Package info**

LTC0508-50R—Tape Reel