

HomePlug Transformer

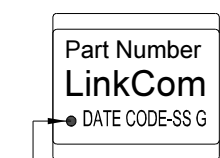
- RoHS Compliant
- Operating Temperature -40°C to +85°C
- 2MHz to 30MHz bandwidth

Electrical Specifications @25°C

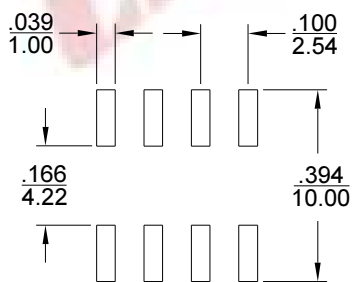
Inductance	PIN 8-5 = 10uH Min. @ 2MHz/0.1V/Series
	PIN 1-4 = 10uH Min. @ 2MHz/0.1V/Series
	PIN 2-3 = 10uH Min. @ 2MHz/0.1V/Series
TX Leakage Inductance	PN 8-5 = 70 nH Max. @ 2MHz/0.1V (PIN 2-3 shorted)
RX Leakage Inductance	PN 8-5 = 70 nH Max. @ 2MHz/0.1V (PIN 1-4 shorted)
D.C.R.	PIN 8-5 = 80mohm Max.
	PIN 1-4 = 80mohm Max.
	PIN 2-3 = 80mohm Max.
Turn Ratio	PIN 8-5 : PIN 2-3 = 1±2% :1 @50kHz/0.1V
	PIN 8-5 : PIN 1-4 = 1±2% :1 @50kHz/0.1V
Hi-POT	Pri.-Sec. = 500VAC/1Seconds/1mA

Dimensions

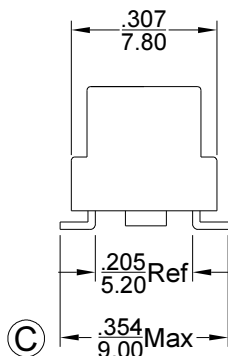
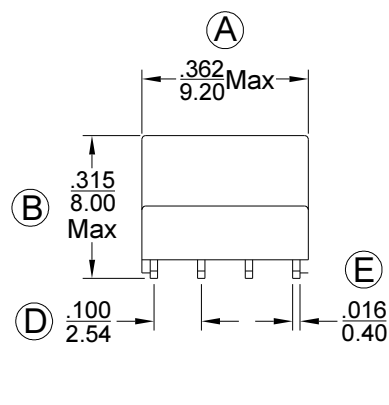
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm\frac{.010}{0.25}$)



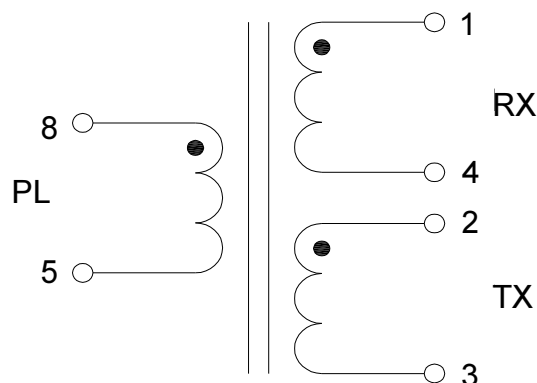
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1. Part Number----LTC0388
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----50 or BLANK
5. G----RoHS

Package info

LTC0388-50R—Tape Reel