

Common Mode Chokes For DSL and Telecom Applications

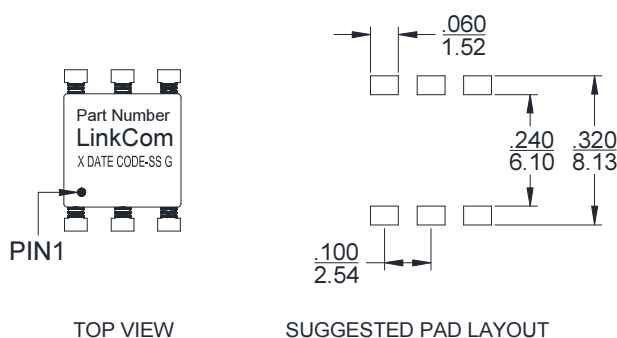
- Family of 2-wire Common Mode Chokes
- Low profile surface mount package
- Range suited for many DSL and Telecom applications
- RoHS Compliant
- Operating Temperature -40°C to +85°C
- Rated current (I_{dc}):400mA Max for ΔT=40 K

Electrical Specifications @25°C

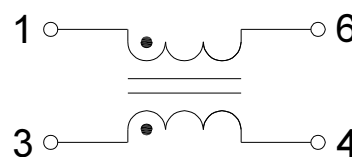
Inductance	PIN 1-6 = 3-4 = 70uH ±20% @ 100KHz/0.1V/Series
Leakage Inductance	PIN 1-6 = 200nH Max. @ 100KHz/0.1V/Series (PIN3-4 shorted)
Interwinding Capacitance	PIN 1-3 = 15pF Max. @ 100KHz/0.1V/Series
Turn Ratio	PIN 1-6 : PIN 3-4 = 1±2% :1
D.C.R.	PIN 1-6 = 500 mohm Max.
	PIN 3-4 = 500 mohm Max.
Hi-POT	PRI. – SEC. = 1875VAC/2Seconds/1mA

Dimensions

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



Schematic



Mark

1. Part Number---LTC0397
2. X---PRODUCT LINE or BLANK
3. DATE CODE---YYWW
4. SS---50 OR BLANK
5. G---RoHS

Package info

LTC0397-50R - Tape and Reel