

COMMON MODE LINE CHOKES

LF2015 SERIES

FEATURES:

- 0.35A to 2A ratings,low temperature rise
- 1.7mH to 100mH dual chokes
- Excellent Mechanical Strength
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

OPTIONS:

- Bulk packaging is standard
- Custom design available

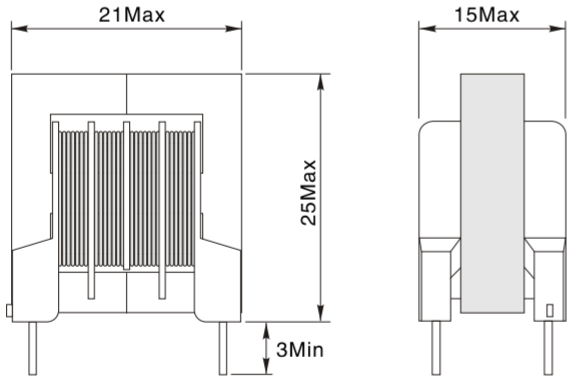
COMMON APPLICATIONS:

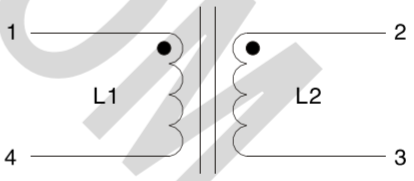
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment
  It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

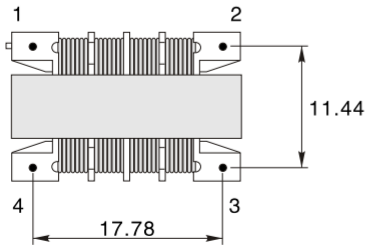
ELECTRICAL CHARACTERISTICS(@25℃)

Part Number	L(0A) (mH)+30%/–25% 10KHz,0.1V	IDC (A)Max	DCR (mΩ)Max
LF2015–172Y	1.7	2	90
LF2015–302Y	3	3	185
LF2015–422Y	4.2	0.48	250
LF2015–702Y	7	1.4	198
LF2015–103Y	10	1	630
LF2015–253Y	25	0.6	1270
LF2015–503Y	50	0.5	2700
LF2015–104Y	100	0.35	4000

PHYSICAL CHARACTERISTICS(mm)







NOTES:
- Max operating voltage:270V at 40℃
- IDC Max: rating AC/DC current A @40℃
- Hi–Pot 2500V AC winding to winding 3S.
- Insulation resistance 100MΩ Min DC 500V
- Temperature Rise Max:40℃
- Inductance Testing: 10KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- Surge current Max 10ms: 20X IDC
- Operating temperature: –40℃ to +105℃
- Storage Temperature: –40℃ to +105℃
- Resistance to soldering heat:260℃ for 10 seconds
- Marking: Part number and date code
- All specifications subject to change without notice.

SHINHOM