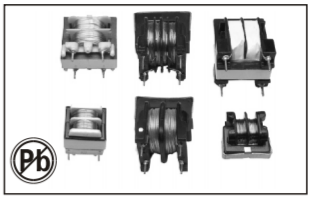
THROUGH–HOLE COMMON MODE CHOKES

LF3221 SERIES



FEATURES:

- 0.3A to 5A ratings,low temperature rise
- 1.0mH to 50mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB–mount housing
- Low resistance and temperature rise

OPTIONS:

- Bulk packaging is standard
- Custom design available

COMMON APPLICATIONS:

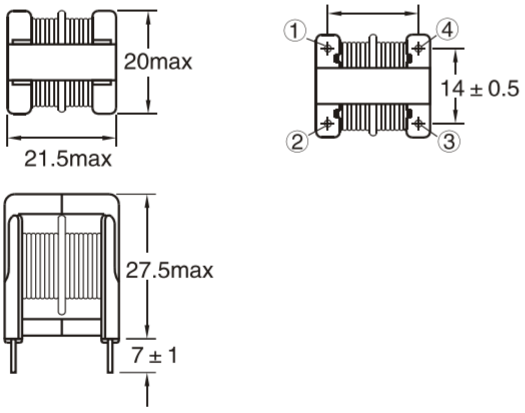
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment

It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance L mH	LK (uH)Max	DCR Ω Max	IDC Max A
LF3221–503Y	50	300	3.0	0.3
LF3221–353Y	35	260	2.0	0.5
LF3221–250Y	25	230	1.2	0.8
LF3221–203Y	20	200	0.7	0.9
LF3221–183Y	16	180	0.5	1.0
LF3221–123Y	12	150	0.4	1.0
LF3221–103Y	10	120	0.25	2.0
LF3221–752Y	7.5	100	0.2	2.0
LF3221–502Y	5.0	80	0.15	3.0
LF3221–302Y	3.0	60	0.1	3.0
LF3221–152Y	1.5	50	0.06	4.0
LF3221–102Y	1.0	50	0.03	5.0

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:





- Max operating voltage:250V 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

Note:All specifications subject to change without notice.

SHINHOM

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