

COMMON MODE CHOKE COIL

LC2 SERIES



FEATURES

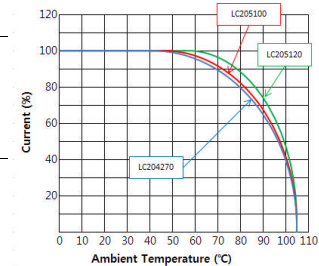
- Miniature general purpose PCB mounting type.
- Require small space of PCB.
- Excellent frequency characteristics.
- Compact, and provides a large inductance.
- Use of insulating material having superior flame resistance.

APPLICATIONS

- Personal computers and peripherals.
- Digital equipments.
- For use in miniature equipments.
- For TV, VCR, monitors and display units.
- Switching power sources and switching power supply adapters.
- Various types of electronic equipment.

SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current (A)	Inductance (mH)	Temperature Rise (°C) max	Operating Temperature(°C)
LC204270	250V	1.5	27.0	65	-25°C to +105°C including temperature rise.
LC205100	250V	2.0	10.0	55	
LC205120	250V	2.0	12.0	50	



Note: All types are designed to meet the requirement of UL1283, CSA 22.2, IEC 60939.

Test Voltage : 2000V AC one minute, line to line.

Insulation Resistance : 300 Mohm min. at 500V DC.

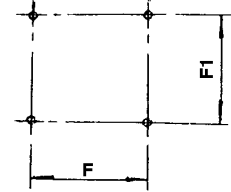
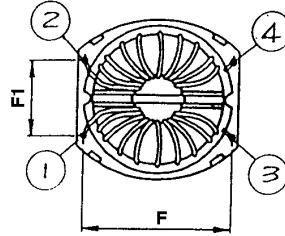
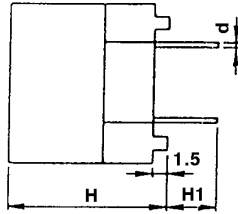
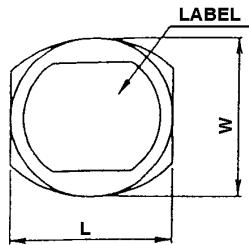
Weight: 29.2g

Voltage Drop : 2.0V max.

■ Model Number Construction

LC2	04	270
Series Description LC2:Horizontal Type	Dia. of Copper Wire 04 : @0.4mm 05 : @0.5mm	Rated Inductance :See Specifications Inductance

Shapes and Dimensions



※ Position of Lead pin ※ Hole Size (PCB side)
: Top View $\Phi d = d + 0.2$

Lmax.	Wmax.	Hmax.	H1	F	F1	d
28	27.5	22	5.0 ± 1.0	24 ± 0.5	14.5 ± 0.5	$0.85 \begin{matrix} +0.1 \\ -0.05 \end{matrix}$

● Circuit Diagram

