



Toroidal SMD Common Mode Chokes – SMM1306B series

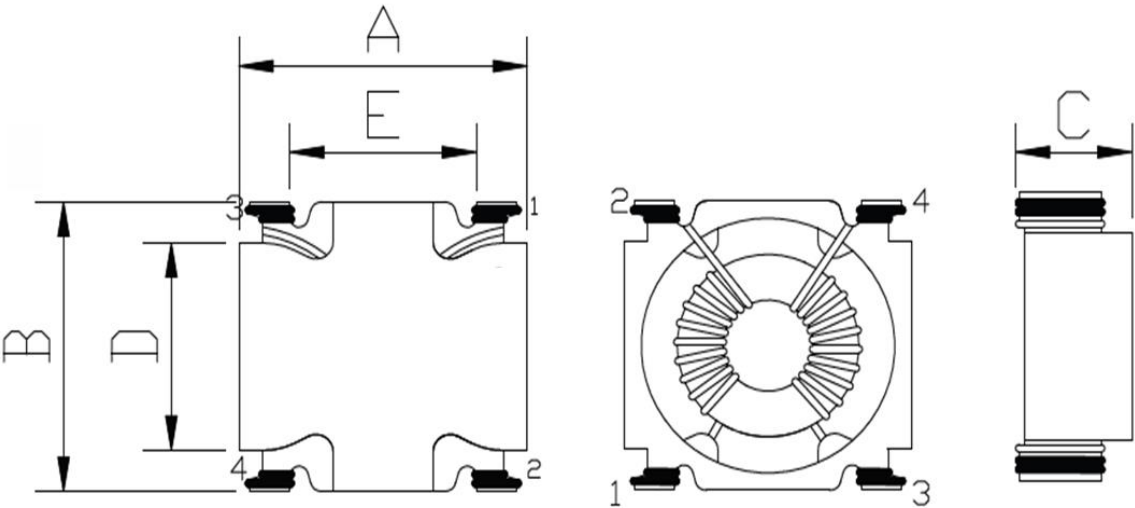


PART NUMBERING SYSTEM

SMM	1306B	—	112	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

SHAPES AND DIMENSIONS

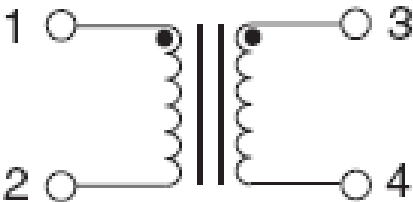
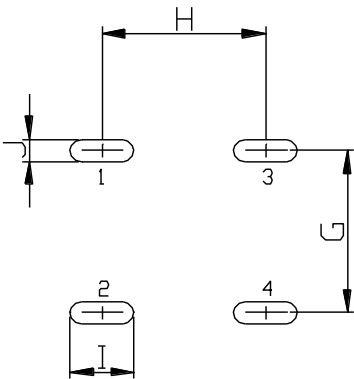
UNIT : mm



A= 13.0 Max. B= 13.0 Max. C= 6.0 Max. D= 9.0 Ref.

PCB LAYOUT

SCHEMATIC DRAWING



G= 10.41 H= 8.38 I= 4.45 J= 1.52 Ref.



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FEATURES

1. **Exceptionally low DC resistance** thanks to the use of heavier gauge wire
2. Solutions based on impedance , size and current
3. Designed for DC-DC Converters
4. Wide Variety of inductor sizes and current ratings available
5. Dielectric strength : **1500Vrms** .
6. **RoHS-compliant**. 260°C compatible. Tin-silver over copper terminations
7. Customized part available

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (uH) Min	I _{rated} (A)	DCR (mΩ) (Max.)	Test Frequency
SMM1306B-731-LF	730	2.6	49.5	10KHz / 0.1V
SMM1306B-801-LF	800	5.0	60	10KHz / 0.1V
SMM1306B-881-LF	880	1.63	110	10KHz / 0.1V

- Inductance is measured with a LCR meter 4284A or equivalent.
- Operating temperature range -40°C to +120°C.
- Electrical specifications at 25°C .
- Packing : 13" reel, machine-ready ,embossed plastic tape (500 parts per full reel).