



SMD Common Mode Filters ~ SMM1006B Series

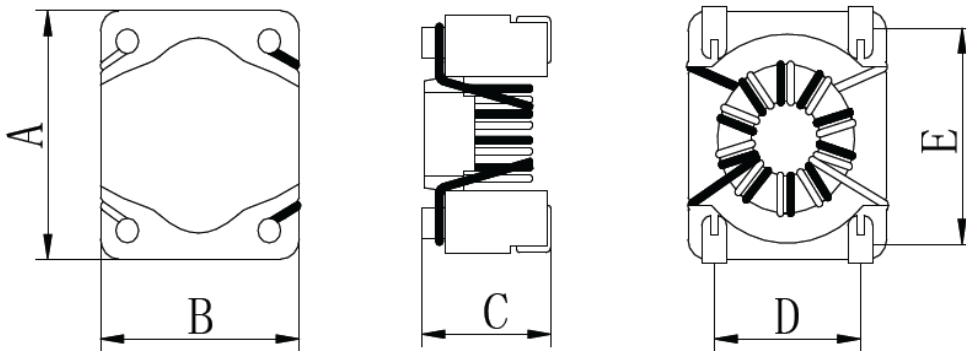


PART NUMBERING SYSTEM

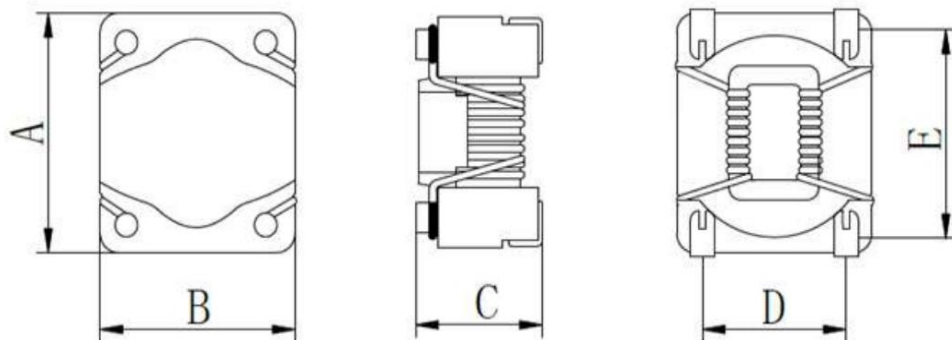
SMM	1006B	—	121	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



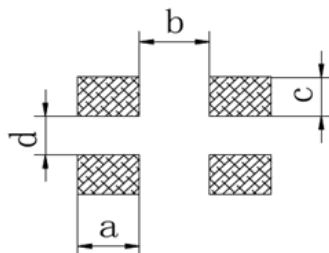
A=10.0±0.3 B=8.7±0.3 C=6.5 Max. D=6.2 Ref. E= 7.6 Ref.(for L over 1000)



A=10.0±0.3 B=8.7±0.3 C=6.5 Max. D=6.2 Ref. E= 7.6 Ref. (for L under 1000 included)

RECOMMENDED LAND PATTERN

a=2.70
 b=4.92
 c=2.70
 d=3.52





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FEATURES

- Chip common mode filter for large current applications
 For each series, there is excellent common mode impedance and noise suppression in a compact case.
- Compatible with high-density portable devices, which are always being made smaller and lighter, because the height has been reduced .
- Automotive grade available

APPLICATION

- Power line noise countermeasure for various electronic equipment .
- Noise countermeasure for adapter lines and battery lines or larger electronic equipment such as note book PCs and word processors .

SPECIFICATION TABLE

PART NUMBER	L (uH) ±40%	Impedance (Ω) Min.	DCR (mΩ) Max.	Rated Current (A) Max.
SMM1006B-121-LF	120	460	25.00	2.50
SMM1006B-221-LF	220	780	32.00	2.20
SMM1006B-251-LF	250	970	35.00	2.00
SMM1006B-471-LF	470	1750	65.00	1.60
SMM1006B-102-LF	1000	3600	180.0	0.95
SMM1006B-222-LF	2200	7500	300.0	0.75
SMM1006B-332-LF	3300	8900	360.0	0.65
SMM1006B-392-LF	3900	9600	540.0	0.52
SMM1006B-472-LF	4700	13000	720.0	0.35

- Test Freq. : 100KHz / 0.1V.
- Operating Temperature Range : -40°C ~ +125°C
- Rated Voltage: 80V
- Insulation Test Voltage: 1KV, For inductance value under 1000(included)
- Packing quantity per reel : 500 pcs