

SMT Common Mode Filters ~ SMM1513 Series

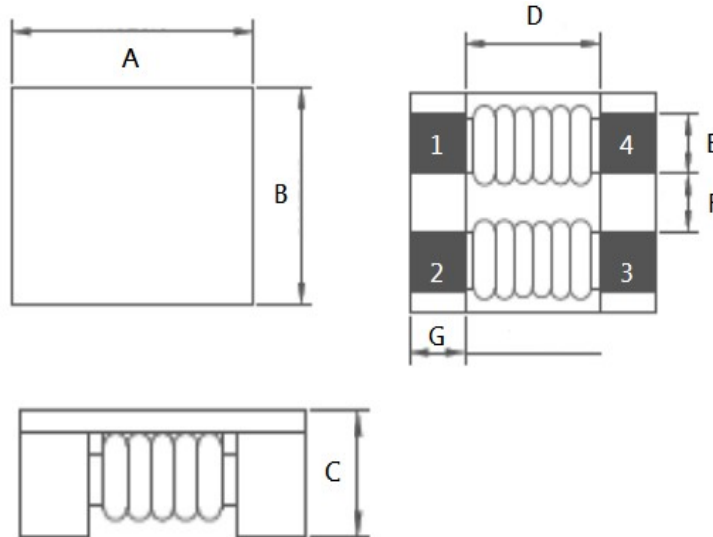


PART NUMBERING SYSTEM

SMM	1513	—	301	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

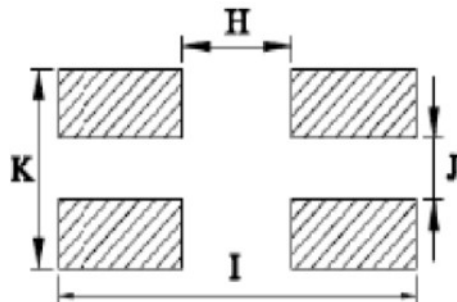
SHAPES AND DIMENSIONS

UNIT : mm



A=15.5±0.6 B=13.0±0.5 C=6.3 Max. D=10.4 Ref. E=2.7±0.5 F= 3.8±0.5 G=2.3±0.5

RECOMMENDED LAND PATTERN



H= 8.20 I= 16.6 J= 3.20 K= 9.40

SMT Common Mode Filters ~ SMM1513 Series



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 .

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	Impedance	Impedance	DCR	Rated	Insulation	Rated
	(Ω) Min.	(Ω) Typ.	(m Ω) Max.	Current (A) Max.	Resistance (M Ω) Min.	Voltage (V)Max.
SMM1513-301-LF	250	300	4.70	13.0	10	125
SMM1513-551-LF	450	550	6.15	10.0	10	125
SMM1513-701-LF	500	700	7.00	10.0	10	125

- Test Freq. : 100MHz / 0.1V.
- Operating Temperature Range : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$