



## Common Mode Filters ~ SMM1211 Series

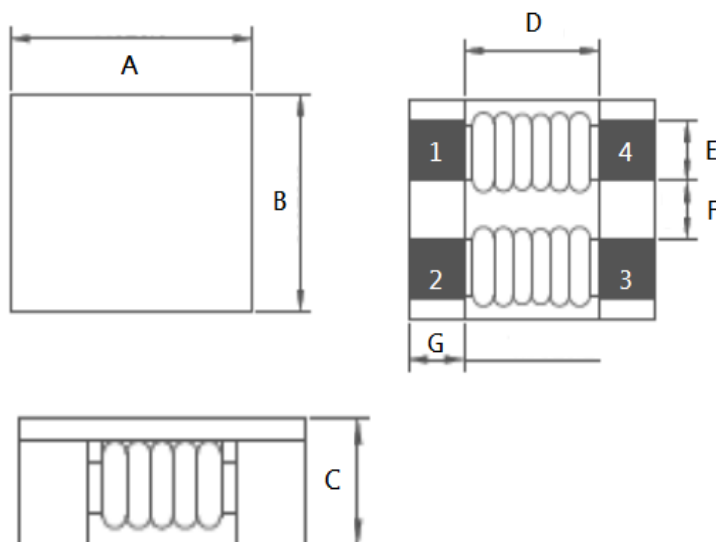


### PART NUMBERING SYSTEM

<u>SMM</u>	<u>1211</u>	—	<u>102</u>	—	<u>LF</u>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

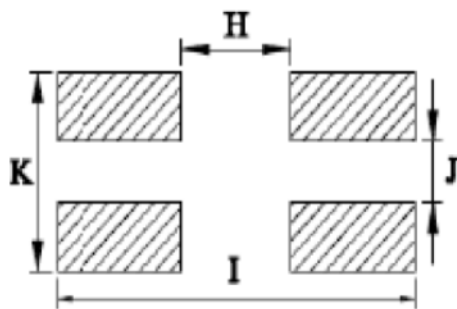
### SHAPES AND DIMENSIONS

UNIT : mm



A=12.0±0.5 B=10.8±0.5 C=6.4 Max. D=7.0 Typ. E=2.7±0.2 F= 2.5±0.2 G=2.5±0.2

### RECOMMENDED LAND PATTERN



H= 7.60 I= 14.0 J= 2.50 K= 7.90

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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 .

### 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
	( $\Omega$ ) Min.	( $\Omega$ ) Typ.	(m $\Omega$ ) Max.	Current (A) Max.	Resistance (M $\Omega$ ) Min.	Voltage (V)Max.
SMM1211-231-LF	80	230	2.00	10	10	125
SMM1211-501-LF	300	500	5.50	8.0	10	125
SMM1211-701-LF	500	700	6.00	8.0	10	125
SMM1211-801-LF	550	800	9.50	8.0	10	125
SMM1211-102-LF	750	1000	14.0	6.0	10	125
SMM1211-222-LF	1750	2200	20.5	2.0	10	125
SMM1211-272-LF	2000	2700	26.0	2.0	10	125

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