

SMD Common Mode Filters ~ SMM4720 Series

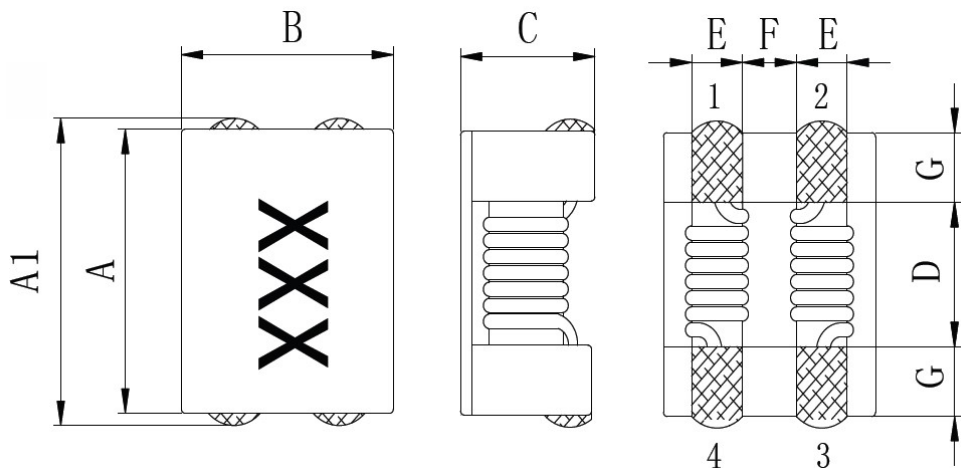


PART NUMBERING SYSTEM

SMM	4720	—	501	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

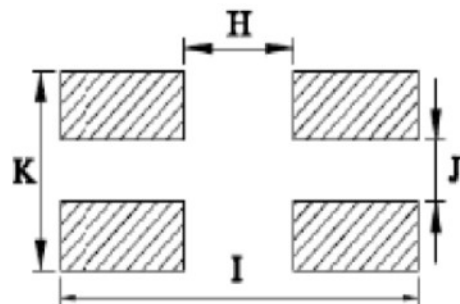
SHAPES AND DIMENSIONS

UNIT : mm



A=4.7±0.5 A1=5.2±0.6 B=4.5±0.5 C=2.2 Max. D=2.7 Ref. E=0.75 Ref. F= 1.258 Ref. G=1.0 Ref.

RECOMMENDED LAND PATTERN



H= 2.00 I= 5.50 J= 0.90 K= 4.40

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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 (@25°C)

PART NUMBER	Impedance	Impedance	DCR (mΩ) Max.	Rated Current (A) Max.	Insulation Resistance (MΩ) Min.	Rated Voltage (V)Max.
	(Ω) Min.	(Ω) Typ.				
SMM4720-900-LF	30.0	90.0	35	3.2	10	50
SMM4720-151-LF	80.0	150	38	3.1	10	50
SMM4720-231-LF	180	230	39	3.0	10	50
SMM4720-301-LF	180	300	39	3.0	10	50
SMM4720-401-LF	200	400	50	2.5	10	50
SMM4720-501-LF	300	500	55	2.4	10	50
SMM4720-701-LF	500	700	59	2.2	10	50
SMM4720-901-LF	700	900	68	2.1	10	50
SMM4720-102-LF	800	1000	68	2.1	10	50
SMM4720-122-LF	1000	1200	74	2.0	10	50
SMM4720-142-LF	1200	1400	81	1.9	10	50

- Test Freq. : 100MHz / 0.1V.
- Operating Temperature Range : -40°C ~ +125°C