



SMD Power Inductors -KCM9070 Series

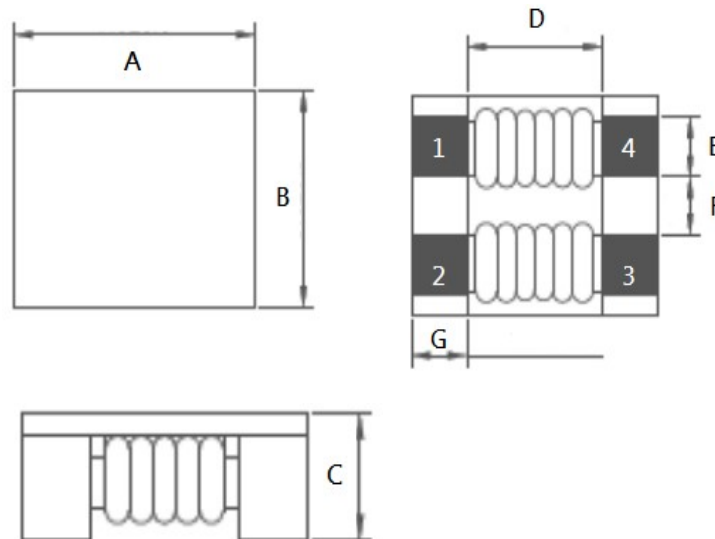


PART NUMBERING SYSTEM

KCM	9070	—	102	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

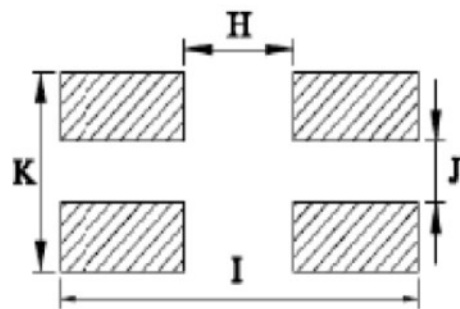
SHAPES AND DIMENSIONS

UNIT : mm



A=9.0±0.5 B=7.0±0.5 C=4.8 Max. D=5.7 Ref. E=1.5±0.2 F= 2.0±0.2 G=1.7±0.2

RECOMMENDED LAND PATTERN



H= 6.00 I= 11.0 J= 2.00 K= 5.00



SMD Power Inductors -KCM7060 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.
KCM9070-301-LF	225	300	6.00	6.0	10	80
KCM9070-501-LF	450	600	8.00	6.0	10	80
KCM9070-701-LF	500	700	10.0	5.0	10	80
KCM9070-102-LF	750	1000	13.0	4.0	10	80
KCM9070-272-LF	2000	2700	86.0	2.0	10	80

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