



SMD Power Inductors -KCM7060 Series

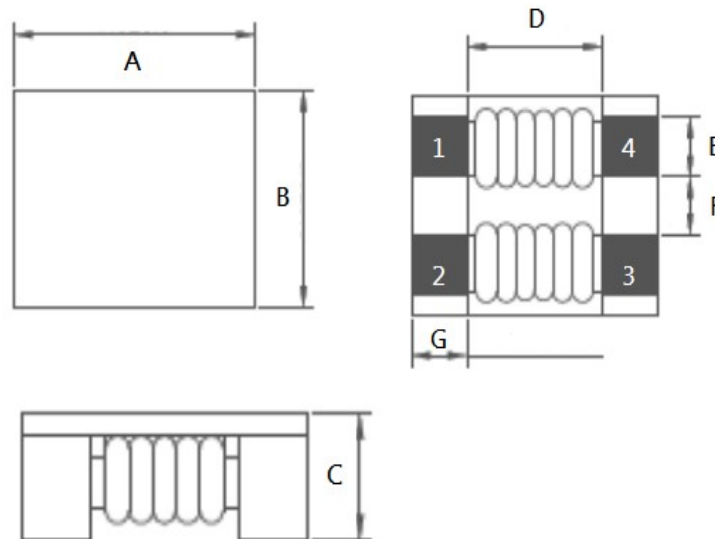


PART NUMBERING SYSTEM

KCM	7060	—	102	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

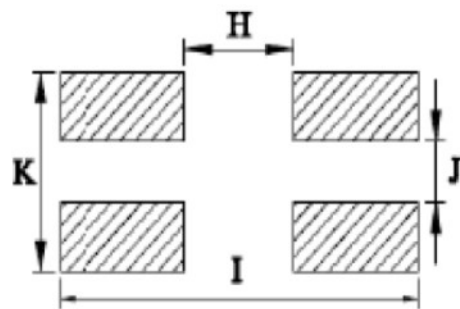
SHAPES AND DIMENSIONS

UNIT : mm



A=7.5±0.6 B=6.0±0.5 C=3.8 Max. D=3.5 Ref. E=1.5±0.5 F= 1.5±0.5 G=1.7±0.5

RECOMMENDED LAND PATTERN



H= 2.50 I= 6.90 J= 1.50 K= 4.50



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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
	(Ω) Min.	(Ω) Typ.	(m Ω) Max.	Current (A) Max.	Resistance (M Ω) Min.	Voltage (V)Max.
KCM7060-400-LF	40.0	70.0	5.00	15.0	10	125
KCM7060-101-LF	100	140	10.0	9.0	10	125
KCM7060-301-LF	225	300	10.0	5.0	10	125
KCM7060-701-LF	500	700	15.0	4.0	10	125
KCM7060-102-LF	800	1020	17.0	3.0	10	125
KCM7060-132-LF	910	1300	21.0	2.5	10	125

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