

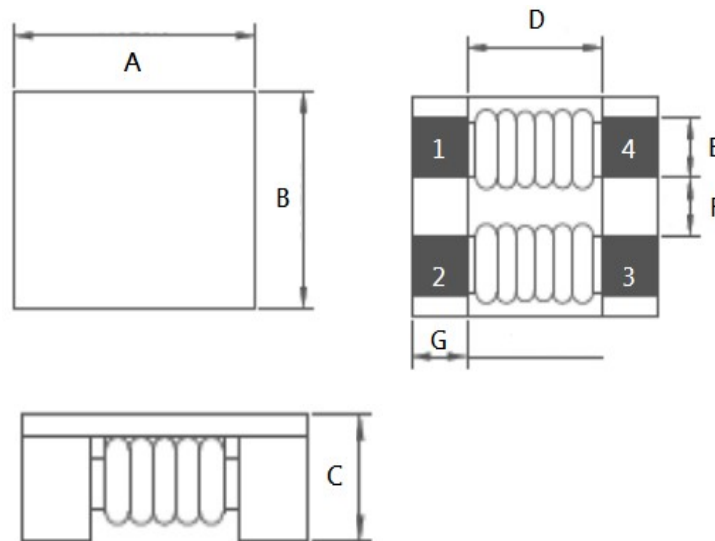
# TDK alternative for ACM9070 series



TDK P.N.	>	Alternative	Impedance ( $\Omega$ )	Impedance ( $\Omega$ )	DCR (m $\Omega$ )	Rated Current	Insulation Resistance	Rated Voltage
ACM9070 series		SMM9070 series	Min.	Typ.	Max.	(A) Max.	(M $\Omega$ ) Min.	(V)Max.
		SMM9070-301-LF	225	300	6	6	10	80
		SMM9070-501-LF	450	600	8	6	10	80
ACM9070-701-2PL-TL01	>	SMM9070-701-LF	500	700	10	5	10	80
		SMM9070-102-LF	750	1000	13	4	10	80
		SMM9070-272-LF	2000	2700	86	2	10	80

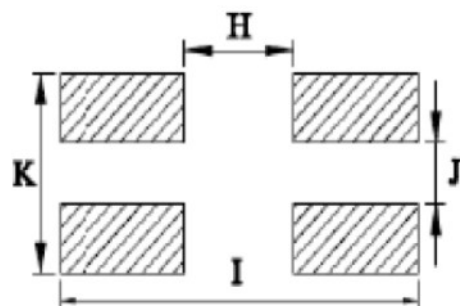
## SHAPES AND DIMENSIONS

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

## Common Mode Filters ~ SMM9070 Series



### PART NUMBERING SYSTEM

<b>SMM</b>	<b>9070</b>	—	<b>301</b>	—	<b>LF</b>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

### 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.
SMM9070-301-LF	225	300	6.00	6.0	10	80
SMM9070-501-LF	450	600	8.00	6.0	10	80
SMM9070-701-LF	500	700	10.0	5.0	10	80
SMM9070-102-LF	750	1000	13.0	4.0	10	80
SMM9070-272-LF	2000	2700	86.0	2.0	10	80

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