

## FILTER2D-A3-SK ANTI-INTERFERENCE FILTER



Patent Protection RoHS

### FEATURES

- Small Footprint
- Low Temperature Rise

### APPLICATIONS

FILTER2D-A3-SK applies to analog circuits which are noise-sensitive or EMC-sensitive occasions. If added a FILTER2D-A3-SK to the module's input, the module's output noise can be reduced substantially and EMC level can be improved.

### SELECTION GUIDE

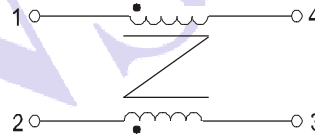
Model	Inductance value (μH)	Rated current (A)(max)	DCR(mΩ)	Weight (g)
FILTER2D-A3-SK	693*2	3	40	4.5

### COMMON SPECIFICATIONS

Item	Operating Conditions	Min.	Typ.	Max.	Unit
Inductance Error Range	$f_0=10\text{KHz}$ , $U_0=0.1\text{V}$	-30		+30	%
Pressure Resistance Value	Leakage Current $I_0=5\text{mA}$			2000	VDC
Storage Humidity				95	%
Operating Temperature		-40		105	°C
Storage Temperature		-55		125	
Soldering Temperature Resistance Of PIN	Solder joints from case 1.5mm for 10 seconds			300	
Dimension (L*W*H)		16.0*9.0*20.0			mm

Note: All specifications measured at  $T_A=25^\circ\text{C}$ , humidity<75% unless otherwise specified.

### INTERNAL SCHEMATIC



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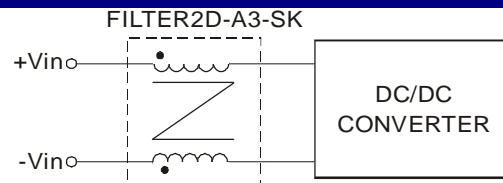
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### APPLICATION CIRCUIT



### ATTENUATION SPECIFICATIONS(REFERENCE VALUE)

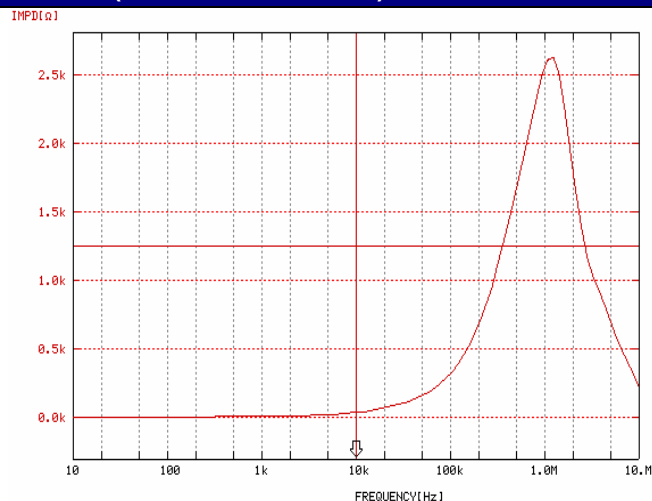


Figure 1 Impedance VS Frequency

## OUTLINE DIMENSIONS

