



## FILTER2D-B3-SK ANTI-INTERFERENCE FILTER

Patent Protection RoHS

### FEATURES

- Small Footprint
- Low Temperature Rise

### APPLICATIONS

FILTER2D-B3-SK applies to analog circuits which are noise-sensitive or EMC-sensitive occasions. If added a FILTER2D-B3-SK to the module's input, the module's output noise can be reduced substantially and EMC level can be improved.

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### SELECTION GUIDE

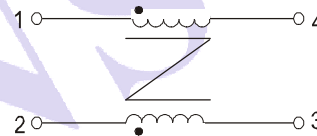
Model	Inductance value (μH)	Rated current (A)(max)	DCR(mΩ)	Weight (g)
FILTER2D-B3-SK	650*2	3	40	3.3

### COMMON SPECIFICATIONS

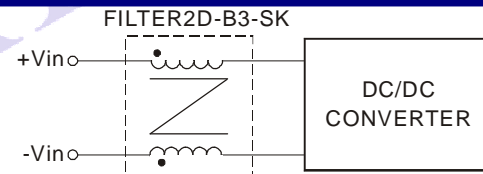
Item	Operating Conditions	Min.	Typ.	Max.	Unit
Inductance ErrorRange	fo=10KHz, Uo=0.1V	-35		+35	%
Pressure Resistance Value	Leakage Current Io=5mA			2000	VDC
Storage Humidity				95	%
Operating Temperature		-40		105	°C
Storage Temperature		-55		125	°C
Soldering Temperature Resistance Of PIN	Solder joints from case 1.5mm for 10 seconds			300	
Dimension (L*W*H)		15.0*7.2*20.0			mm

Note: All specifications measured at TA=25°C, humidity<75% unless otherwise specified.

### INTERNAL SCHEMATIC



### APPLICATION CIRCUIT



### ATTENUATION SPECIFICATIONS(REFERENCE VALUE)

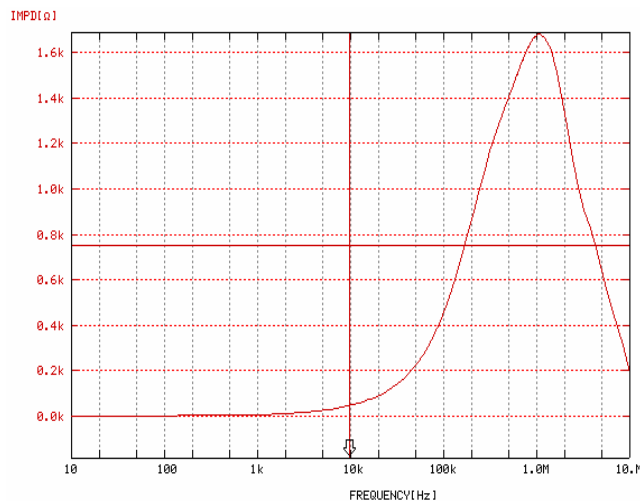
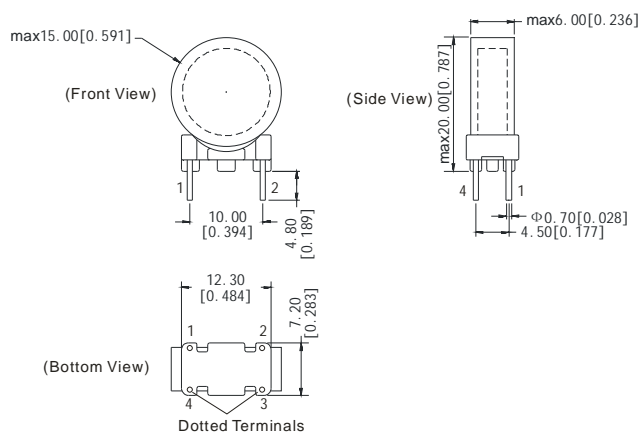


Figure 1 Impedance VS Frequency

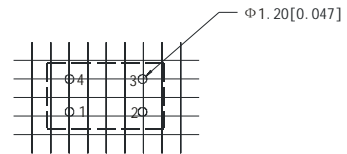
## OUTLINE DIMENSIONS

### MECHANICAL DIMENSIONS



Note:  
Unit:mm[inch]  
Pin diameter tolerances:  $\pm 0.10\text{mm}$  [  $\pm 0.004\text{inch}$  ]  
General tolerances:  $\pm 0.25\text{mm}$  [  $\pm 0.010\text{inch}$  ]

### RECOMMENDED FOOTPRINT



Note: Grid 2.54\*2.54mm.