

**Type: FB-6G**

**Product Description**

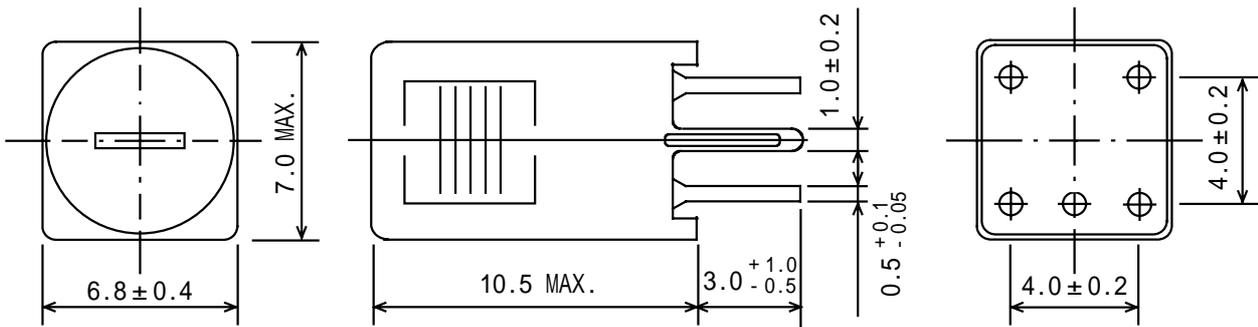
- 7.0 × 7.2mm Max.(L × W), 10.5mm Max. Height.
- Operating frequency:500kHz Max.
- In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.



**Feature**

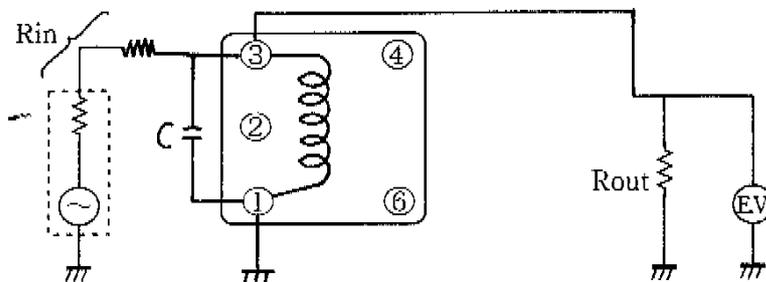
- Variable shielded type.
- Two built-in capacitors are available in one coil.
- Ideally used as Audio Filters(LPF, BPF, Delay Line)
- RoHS Compliance

**Dimensions (mm)**



- \* Dimension does not include solder used on coil.
- \* Pin pitch should be measured at the root of terminals.

**Testing Circuit**



$R_{in} = R_g + R_1 = 39k$   
 $R_{out} = 100k$   
 $C = 4700pF \pm 50pF$

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**Specification of Low Pass Filters** (Part Number: 5338-T004)

Item	Specification	
Input impedance (Rin)	39KΩ	
Output impedance (Rout)	100KΩ	
Center frequency	19kHz	
Attenuation	18kHz	3.0±3.0dB Within
	20kHz	3.0±3.0dB Within
	4kHz	Min.26.0dB
	34kHz	Min.16.0dB
Insertion Loss	19kHz	3.1dB(TYP)

**Frequency Response** (Attenuation 0dB at 1KHz)

