

## Type: FB2-6G

### Product Description

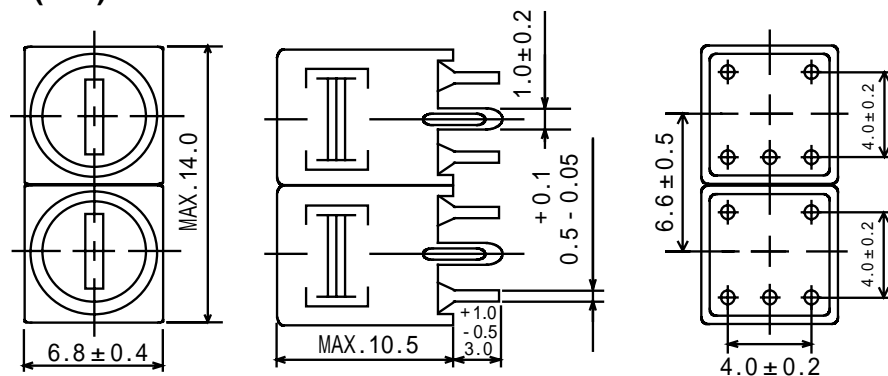
- 14.0 × 7.2mm Max.(L × W), 10.5mm Max. Height.
- Operating frequency:500kHz Max.
- In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.



### Feature

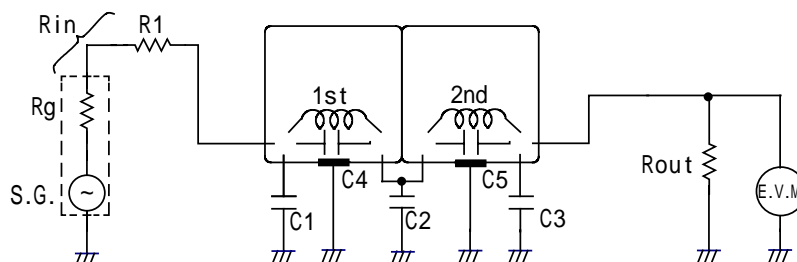
- Variable shielded type with two individual coils combined.
- Two built-in capacitors are available in one coil.
- Ideally used as Audio Filters(LPF, BPF, Delay Line)
- RoHS Compliance

### Dimensions (mm)



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

### Testing Circuit



C1 ~ C5 are externally mounted capacitors

$$R_{in} = R_g + R_1 = 1k$$

$$R_{out} = 1k$$

$$C_1 = 1200pF \pm 2\%$$

$$C_2 = 3300pF \pm 2\%$$

$$C_3 = 1800pF \pm 2\%$$

$$C_4 = 3300pF \pm 2\%$$

$$C_5 = 1200pF \pm 2\%$$

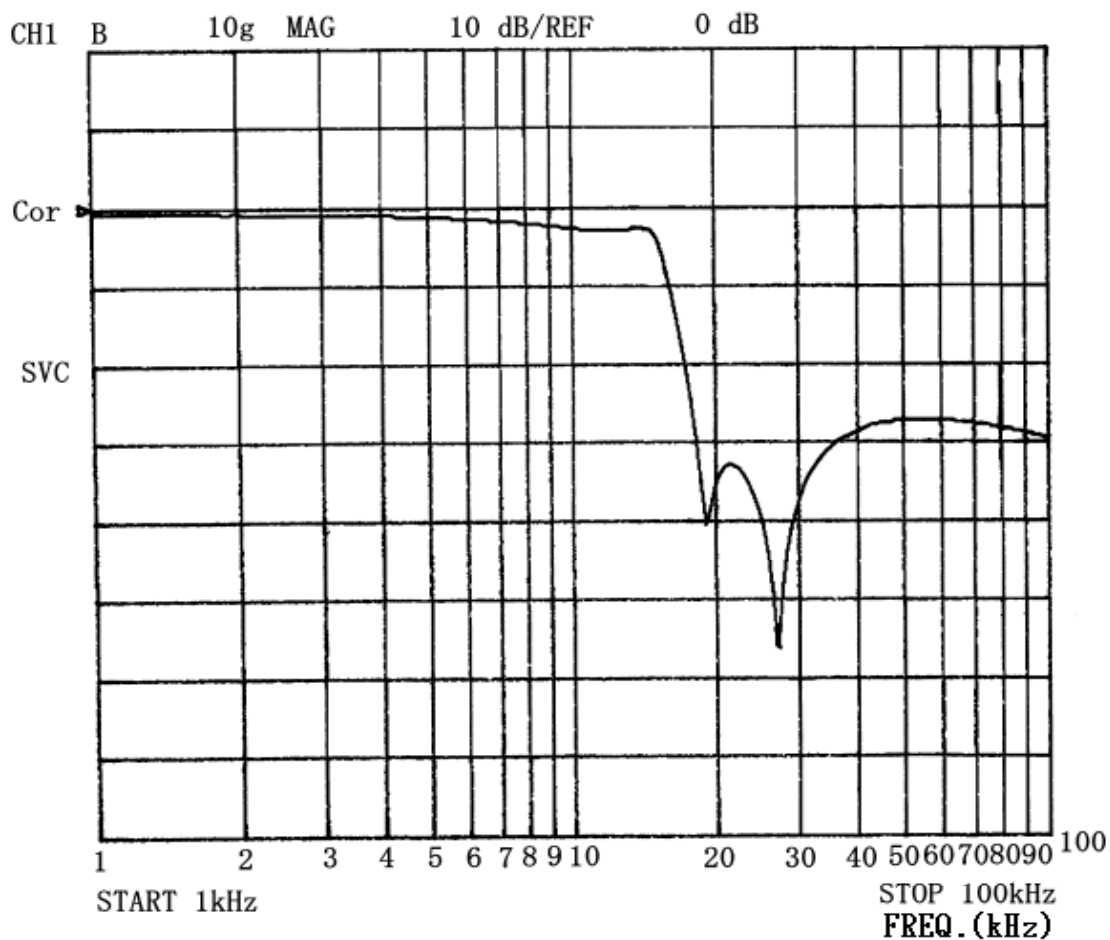
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**Specification of Low Pass Filters (Part Number: 4513-T007)**

Item		Specification
Input impedance	(Rin)	1.0k $\Omega$
Output impedance	(Rout)	1.0k $\Omega$
Attenuation	47.2kHz	Max.6.0dB
	55.06kHz	31dB (TYP)
Insertion Loss	1kHz	Max.2.0dB

**Frequency Response(Attenuation 1kHz=0dB)**


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