

Type: FB2-6G

Product Description

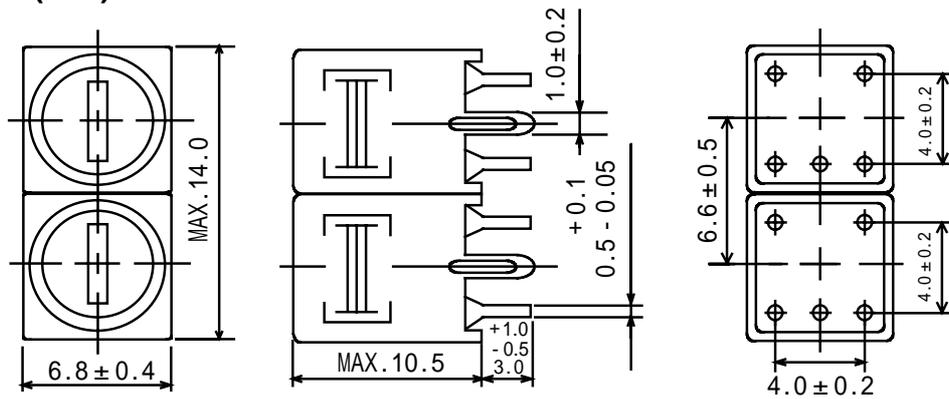
- 14.0 × 7.2mm Max.(L × W), 10.5mm Max. Height.
- Operating frequency:500kHz Max.
- In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.



Feature

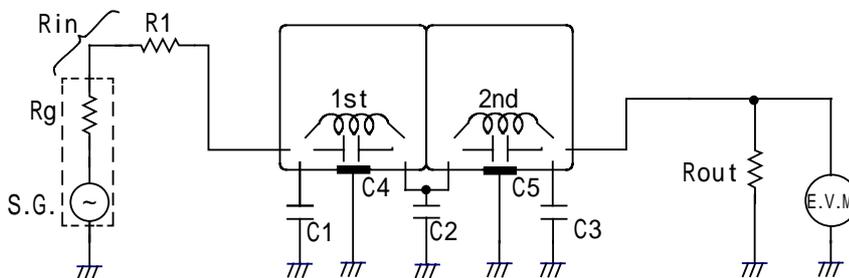
- Variable shielded type with two individual coils combined.
- Two built-in capacitors are available in one coil.
- Ideally used as Audio Filters(LPF, BPF, Delay Line)
- RoHS Compliance

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

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

$$R_{out} = 1k$$

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

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

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

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

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

Type: FB2-6G

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

| Item | | Specification |
|------------------|----------|---------------|
| Input impedance | (Rin) | 1.0kΩ |
| Output impedance | (Rout) | 1.0kΩ |
| Attenuation | 47.2kHz | Max.6.0dB |
| | 55.06kHz | 31dB (TYP) |
| Insertion Loss | 1kHz | Max.2.0dB |

Frequency Response(Attenuation 1kHz=0dB)

