Type: CFB3-6

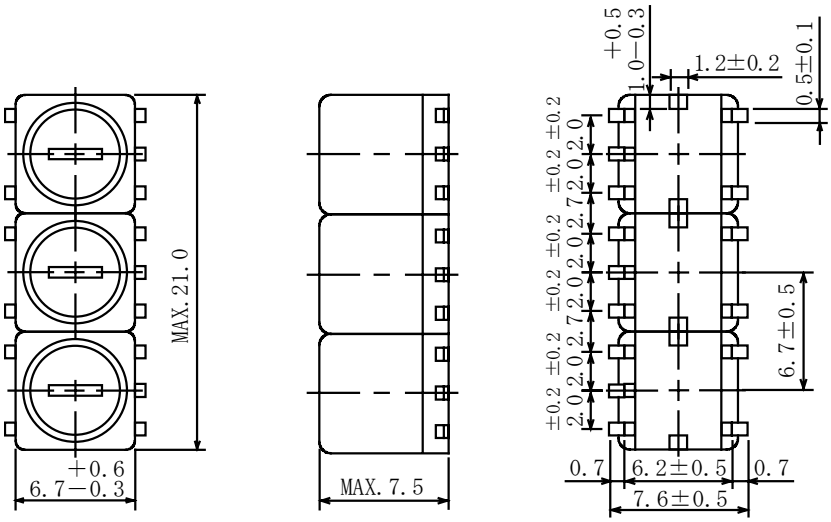
◆ Product Description

・21.0×7.3mm Max.(L×W), 7.5mm Max. Height.
・Operating frequency:10~500kHz
・In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.

◆ Feature

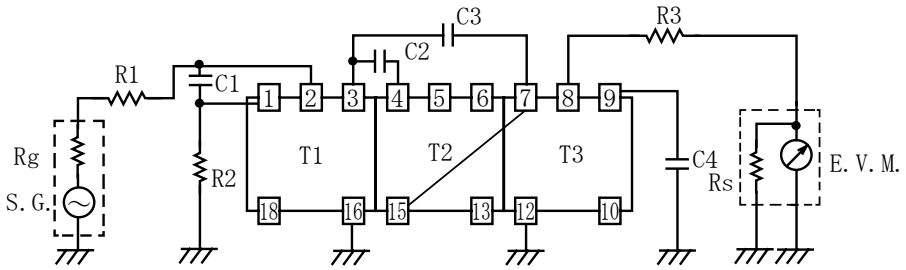
・Variable shielded type with three individual coils combined.
・Two built-in capacitors are in one coil.
・Ideally used in VCR, Video Cameras as Audio LC filters(LPF, BPF, HPF, Delay Line and Equalizers).
・RoHS Compliance

◆ Dimensions (mm)



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

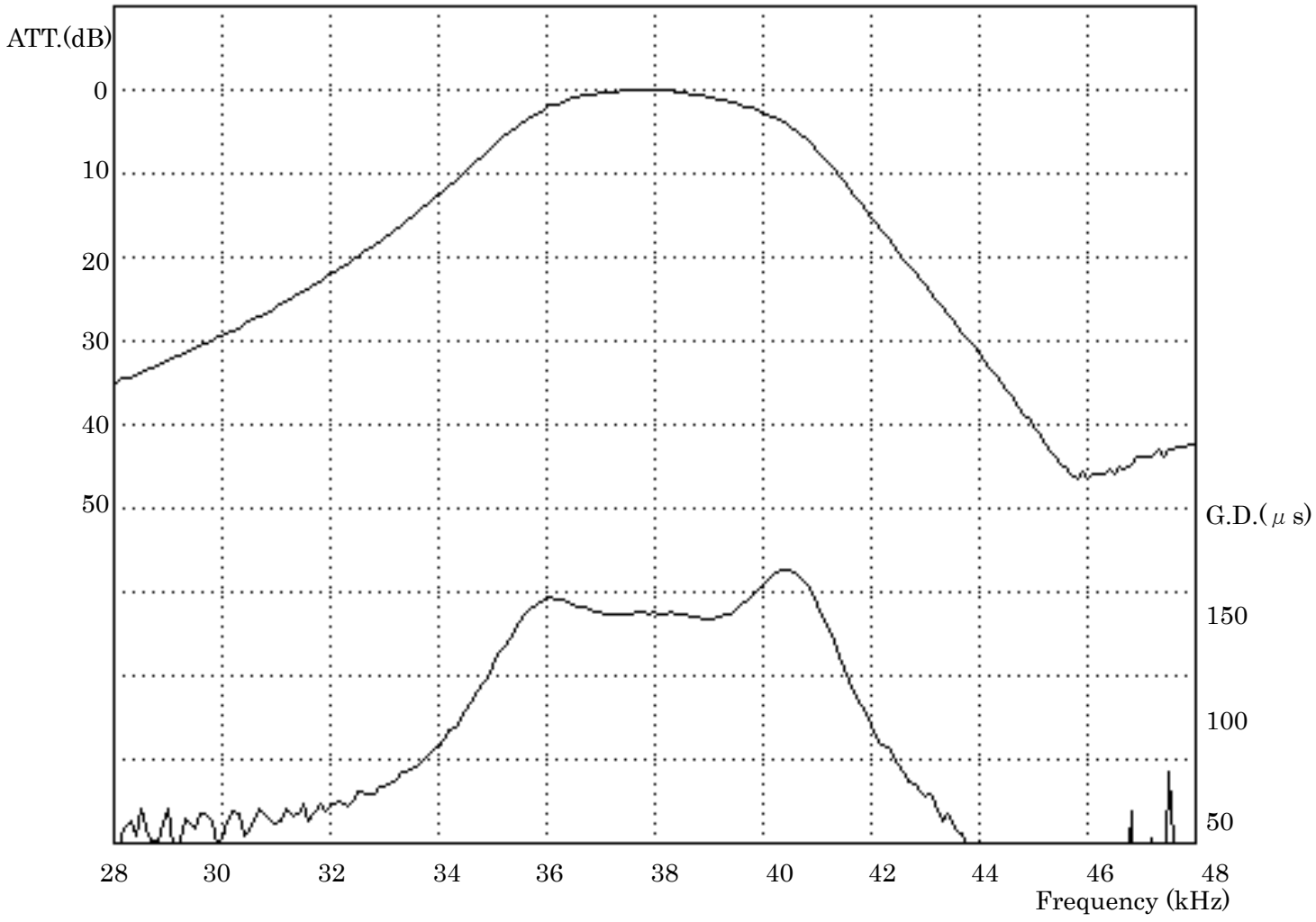
◆ Testing Circuit



Rg+R1=550Ω
R2=550Ω
Rout=R3+Rs=1kΩ
Rg=Rs=50Ω
C1=68npF±2%
C2=C4=1500pF±2%
C3=3900pF±2%

Type: CFB3-6

◆ Specification (Part No: 4563-T065)

Item		Specification.
Input impedance (Rin)		1.1kΩ
Output impedance (Rout)		1.0kΩ
Center frequency		38kHz
Band width (f1)	(-3dB)	35.3kHz≦f1≦36.3kHz
Band width (f2)	(-3dB)	39.8kHz≦f2≦40.7kHz
Attenuation	30 kHz	20dB Min.
	45 kHz	25dB Min.
Insertion loss	38 kHz	8.0dB±1.5dB Within
Group Delay	38 kHz	140μS±15% Within

Frequency Response (Attenuation 0dB at 38KHz)