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Filter Coils< SMD Type: CFB Series>

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





 $7\pm 0.$

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Type: CFB3-6

Specification (Part No: 4563-T065)

Item		Specification.
Input impedance	e (Rin)	1.1kΩ
Output impedan	ce (Rout)	1.0kΩ
Center frequency		38kHz
Band width (f1)	(-3dB)	35.3kHz \leq f1 \leq 36.3kHz
Band width (f2)	(-3dB)	39.8kHz \leq f2 \leq 40.7kHz
Attenuation	30 kHz	20dB Min.
	45 kHz	25dB Min.
Insertion loss	38 kHz	8.0 dB \pm 1.5dB Within
Group Delay	38 kHz	140 μ S $\pm15\%$ Within

Frequency Response (Attenuation 0dB at 38KHz)



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