

#### Product Search Data Sheet

Please download the latest datasheet of SFECV10M7KA00-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=SFECV10M7KA00-R0

Note: This datasheet may be out of date.

# SFECV10M7KA00-R0









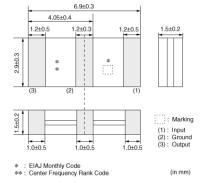
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



### Appearance & Shape







## Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	R0 180mm Embossed Tape 2000	



### **Features**

SFECV10M7 series for FM receivers are monolithic type ceramic filters that utilize the thickness expander mode of piezoelectric ceramics. SFECV series enable customers to make an AM/FM set very thin, and it can be useful to the total chip circuit.

#### Features

- 1. The piezoelectric element is sandwiched by heat resistant substrate, thus it has excellent mechanical strength, and it is suitable for automatic mounting.
- 2. Various bandwidths are available. Select a suitable type in accordance with the desired selectivity.
- 3. Operating Temperature Range: -20 to +80 (degrees C), Storage Temperature Range: -40 to +85 (degrees C)

1 of 3

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# **Specifications**

Operating Temperature	2005 / 2005	
Range	-20°C to 80°C	
Shape	SMD	
Elements	2	
Center Frequency	10.700MHz	
Center Frequency Tolerance	±30kHz	
Nominal Center Value	No	
3dB Bandwidth	110kHz±30kHz	
Stop Bandwidth	320kHz	
Area of Stop Bandwidth	[within 20dB]	
Spurious Attenuation	35dB[within 9MHz to fo]	
Insertion Loss	6.0dB±2.0dB(at minimum loss point)	
Ripple	1.0dBmax.(at minimum loss point)	
Input/Output Impedance	330Ω	
Mass	124mg	

2 of 3

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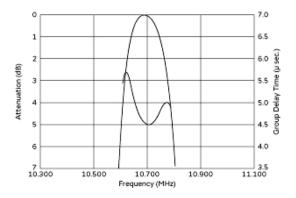
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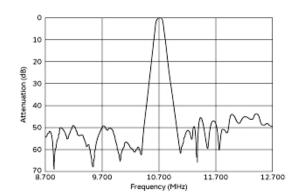
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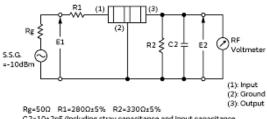
### **Product Data**





#### Frequency Characteristics

Spurious Response



C2=10±2pF (Including stray capacitance and Input capacitance of RF voltmeter) E1: S.S.G. Output Voltage

Measurement Circuit

3 of 3

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