

Product Search Data Sheet

Note: This datasheet may be out of date.

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

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

SFECV10M7KA00-R0









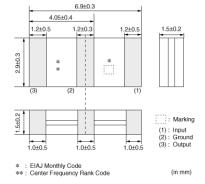
Applications

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	180mm Embossed Tape	



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)

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Attention

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.

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





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Specifications

Operating Temperature	
Operating Temperature 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

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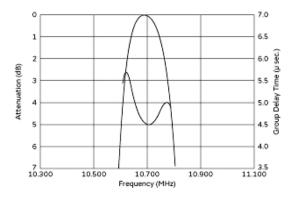
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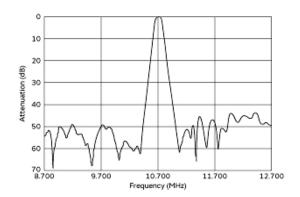
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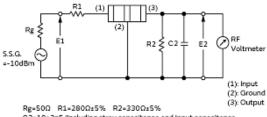
Product Data





Frequency Characteristics

Spurious Response



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

Measurement Circuit

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