

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of SFECV10M7JA00-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=SFECV10M7JA00-R0

SFECV10M7JA00-R0









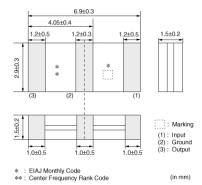
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific	management, and safety required for
Applications	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	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)

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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	150kHz±40kHz	
Stop Bandwidth	380kHz	
Area of Stop Bandwidth	[within 20dB]	
Spurious Attenuation	35dB[within 9MHz to fo]	
Insertion Loss	5.5dB±2.0dB(at minimum loss point)	
Ripple	1.0dBmax.(at minimum loss point)	
Input/Output Impedance	330Ω	
Mass	124mg	

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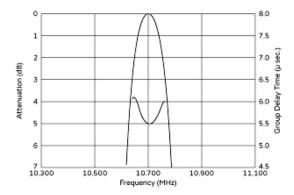
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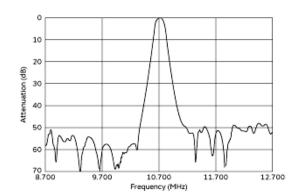
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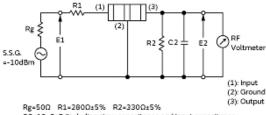
Product Data





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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