

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of SFELF10M5JAA001-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=SFELF10M5JAA001-B0

SFELF10M5JAA001-B0









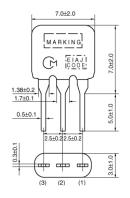
Applications

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
В0	Bulk	500



Features

SFELA10M5 series for FM-receivers are monolithic type ceramic filters which use the thickness expander mode of the piezoelectric ceramic.

Features

- 1. Insertion loss is 1 to 1.5dB lower than conventional products. These types are useful for elevating the sensitivity of sets.
- 2. Small dispersion and stable characteristics.
- 3. Excellent shape factor of frequency response.
- 4. Good waveform symmetry.

1 of 3

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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	
Range	-20°C to 80°C
Shape	Lead
Elements	2
Center Frequency	10.520MHz
Center Frequency Tolerance	±30kHz
Nominal Center Value	No
3dB Bandwidth	150kHz±40kHz
Stop Bandwidth	360kHz
Area of Stop Bandwidth	[within 20dB]
Spurious Attenuation	35dB[within 9MHz to fo]
Insertion Loss	4.5dB±2.0dB(at minimum loss point)
Ripple	1.0dBmax.(at minimum loss point)
Input/Output Impedance	330Ω
Mass	178mg

2 of 3

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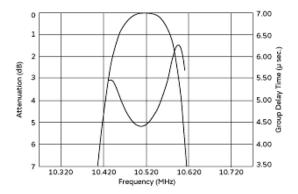
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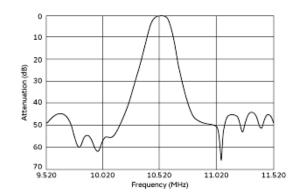
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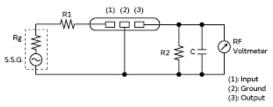
Product Data





Frequency Characteristics

Spurious Response



Rg-R1=R2=Input and Output Impedance C=10pF (Including stray capacitance and input capacitance of RF voltmeter.)

Measurement Circuit

3 of 3

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