

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of SFELF10M7FA00-B0 from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=SFELF10M7FA00-B

SFELF10M7FA00-B0









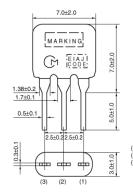
Applications

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







F

Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk	500



Features

SFELF10M7 series for FM-receivers are monolithic type ceramic filters that use the thickness expander mode of the piezoelectric ceramic. As part of the environment protection program, the solder for terminal plating and terminal-element connection inside of the ceramic filter contain no lead (Pb).

Features

- 1. These miniature filters have high mechanical strength.
- 2. Low loss, favorable waveform symmetry, and high selectivity.
- 3. Various bandwidths are available for applications in wide to narrow bands.
- 4. Small dispersion and stable characteristics.
- 5. Change in center frequency is typically within ±30ppm/°C at -20 to +80°C.
- 6. High reliability

1 of 3

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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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SFELF10M7FA00-B0



Specifications

Operating Temperature		
Range	-20°C to 80°C	
Shape	Lead	
Elements	2	
Center Frequency	10.700MHz	
Center Frequency Tolerance	±30kHz	
Nominal Center Value	No	
3dB Bandwidth	280kHz±50kHz	
Stop Bandwidth	650kHz	
Area of Stop Bandwidth	[within 20dB]	
Spurious Attenuation	30dB[within 9MHz to fo]	
Insertion Loss	4.0dB±2.0dB(at minimum loss point)	
Ripple	1.0dBmax.(at minimum loss point)	
Input/Output Impedance	330Ω	
Mass	178mg	

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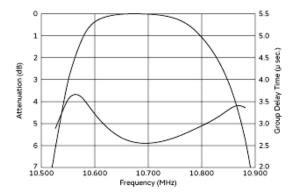
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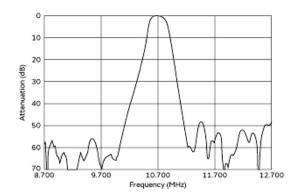
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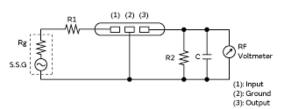
Product Data





Frequency Characteristics

Spurious Response



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

Measurement Circuit

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