

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of SFELF10M7GAB0-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=SFELF10M7GAB0-B0

SFELF10M7GAB0-B0









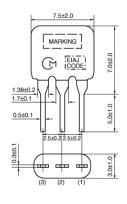
Applications

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

Low spurious response type 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 terminalelement connection inside of the ceramic filter contain no lead (Pb).

Features

These types have lower spurious response compared to standard filters.

1 of 3

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Specifications

Operating Temperature		
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	230kHz±50kHz	
Stop Bandwidth	570kHz	
Area of Stop Bandwidth	[within 20dB]	
Spurious Attenuation	45dB[within 9MHz to fo]	
Insertion Loss	3.0dB±2.0dB(at minimum loss point)	
Ripple	1.0dBmax.(at minimum loss point)	
Input/Output Impedance	330Ω	
Mass	178mg	

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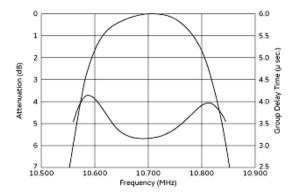
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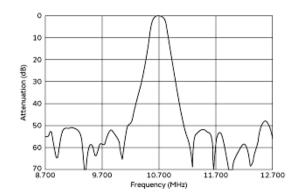
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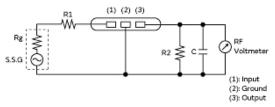
Product Data





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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