

Note: This datasheet may be out of date.

Please download the latest datasheet of SFSKB4M30GF00-R1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=SFSKB4M30GF00-R1

SFSKB4M30GF00-R1









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	
Charifia	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.	



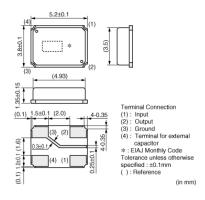
Packaging Information

	Packaging	Specifications	Standard Packing Quantity
	-R1	330mm Embossed Tape	3000



Appearance & Shape





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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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Features

The SFSKB series are SMD ceramic filters suitable for IR headphone applications. Center frequencies of 2.3, 2.8, 3.2, 3.8, 4.3, 4.8, 5.2, 5.7MHz are available. Realized small, thin and lightweight package, compared with conventional LC filters. It helps to compose multi-channel circuit on one PCB. No frequency adjustment is required on PCB and it contributes to the reduction of production cost.

Features

- 1. SMD package in plastic emboss tape, available for automatic placing.
- 2. They are slim, at only 1.5mm max. thickness, and have a small mounting area (5.2x3.8mm) enabling flexible PCB design.
- 3. Available for lead (Pb) free reflow soldering process.
- 4. Operating temperature range: 0 to +70 (degrees C), Storage temperature range: -55 to +85 (degrees C)
- 5. No frequency adjustment is required in production process.
- 6. Small, thin and lightweight package compared with conventional LC filters.

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Specifications

Operating Temperature Range	0°C to 70°C
Shape	SMD
Elements	2
Center Frequency	4.300MHz
Nominal Center Value	Yes
3dB Bandwidth	fn±75kHzmin.
Stop Bandwidth	650kHz
Stop Band Attenuation	30dB[at 3.8MHz]
Spurious Attenuation	30dB[within 3.3 to 3.8MHz]
Insertion Loss	6.0dBmax.
Input/Output Impedance	1000Ω
Mass	68mg

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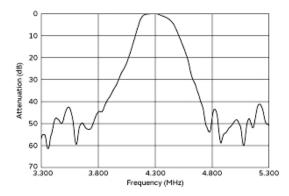


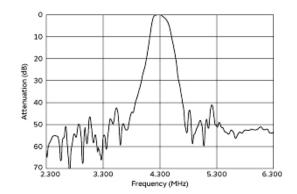
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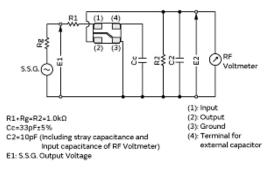






Frequency Characteristics

Spurious Response



Measurement Circuit

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