

### Product Search Data Sheet

Note: This datasheet may be out of date.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
0	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.



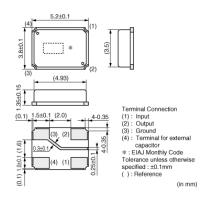
### **Packaging Information**

Packaging		Standard Packing Quantity
-R1	330mm Embossed Tape	3000



## Appearance & Shape





1 of 4

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.





### 1 Toddot Oddron Bata Onoc

# Note: This datasheet may be out of date.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



### **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.

2 of 4

### 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





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



## **Specifications**

Operating Temperature	0°C to 70°C
Range	
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
	-

3 of 4

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.

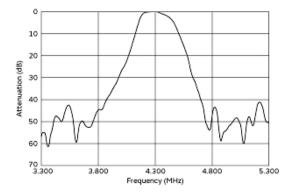


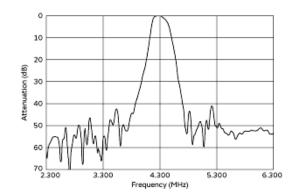
Note: This datasheet may be out of date. Please download the latest datasheet of SFSKB4M30GF00-R1 from the official website of Murata Manufacturing Co., Ltd.

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

## SFSKB4M30GF00-R1

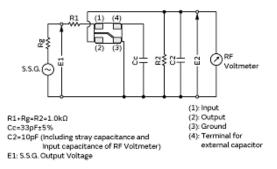






Frequency Characteristics

Spurious Response



Measurement Circuit

4 of 4

- 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.

