

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFPKA450KG1A-R1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SFPKA450KG1A-R1

## SFPKA450KG1A-R1









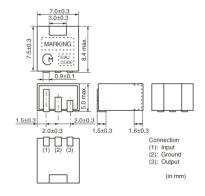
## **Applications**

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
-R1	330mm Embossed Tape	1000



### **Features**

SFPKAseries for AM use is one of the most recommendable intermediate filters, having such distinctive features as high selectivity, high stability and adjustment-free operation. Additionally, its easy matching with IC helps create an easy circuit design.

#### Features

- 1. The filters are mountable by automatic placers and can be reflow soldered and withstand washing.
- 2. The filters are wide bandwidth and high selectivity, so they are suitable for car radio and multi-band radio.

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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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## SFPKA450KG1A-R1



## **Specifications**

-20°C to 80°C	
SMD	
4	
450.0kHz	
±1kHz	
No	
fn±4.5kHzmin.	
40dB[fn+10kHz]	
40dB[fn-10kHz]	
25dBmin.[within fn±100kHz]	
6.0dBmax.(at minimum loss point)	
1.5dBmax.[within fn±3kHz]	
20μsec.	
1500Ω	
700mg	

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## NOVATOR IN ELECTRONICS

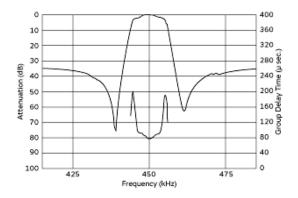
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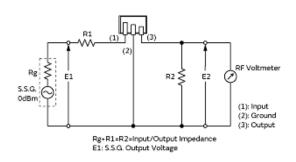
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# Product Data





#### Frequency Characteristics (filter Only)

Type	SFPKA		
Winding Specification	(1)—(2)	(2)—(3)	(4)—(5)
S(3) (4)5 (2) (5) (6) (Bottom view)	60T	125T	28T
No load Qu	40		
Tuning Capacitance	180pF		

 Matching of CERAFIL® SFPKA series with IFT is decided by the Qu of IFT and IFT secondary side Impedance, |Z2|. Set the Qu at about 40 because a Qu value which is too high (e.g., 90) may produce ripple in the waveform. It is recommended to match the impedance of |Z2| with that of the CERAFIL®.

Recommended Ift

Measurement Circuit

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