

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFPKA455KG1A-R1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=SFPKA455KG1A-R1

# SFPKA455KG1A-R1









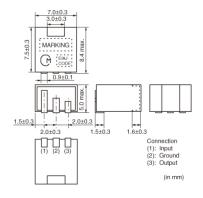
### **Applications**

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**

The SFPKAseries is comprised of small, high-performance, economical, thin (5.0mm) filters consisting of 4 ceramic elements. Their innovative construction is perfect for shrinking mobile communication products such as cordless phones, pagers and transceivers.

#### Features

- 1. The filters are mountable by automatic placers.
- 2. The filters can be reflow soldered and withstand washing.
- 3. They are slim, at only 5.0mm maximum thickness.
- 4. The bandwidth ranges from D to H.
- 5. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)

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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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# **Specifications**

Operating Temperature	T	
Range	-20°C to 80°C	
Shape	SMD	
Elements	4	
Center Frequency	455.0kHz	
Center Frequency Tolerance	±1kHz	
Nominal Center Value	No	
6dB Bandwidth	fn±4.5kHzmin.	
Stop Bandwidth	10.0kHz	
Area of Stop Bandwidth	[within 40dB]	
Stop Band Attenuation	25dB[within fn±100kHz]	
Insertion Loss	6.0dB[at minimum loss point]	
Ripple	1.5dB[within fn±3kHz]	
Input/Output Impedance	1500Ω	
Mass	700mg	

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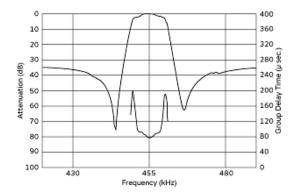
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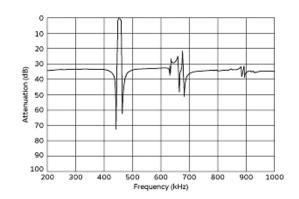
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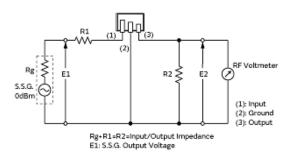
### **Product Data**





Frequency Characteristics

Spurious Response



Measurement Circuit

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