

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CFUKG455KF4A-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CFUKG455KF4A-R0

# CFUKG455KF4A-R0









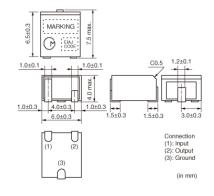
## **Applications**

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	
Specific	the performance, functions, quality,	
Specific Applications	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
-R0	180mm Embossed Tape	450



## **Features**

The CFUKG series is comprised of small, high-performance, thin (4.0mm) filters consisting of 4 ceramic elements. Their innovative construction is perfect for shrinking mobile communication products such as pocket pagers and cellular phones.

### Features

- 1. The filters are mountable by automatic placers.
- 2. The filters can be refl ow soldered and withstand washing.
- 3. They are slim, at only 4.0mm maximum thickness, and have a small mounting area (7.5x6.0mm) enabling flexible PCB design.
- 4. The bandwidth ranges from D to G.
- 5. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)

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### 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





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# CFUKG455KF4A-R0



# **Specifications**

Operating Temperature Range	-20°C to 80°C
Shape	SMD
Elements	4
Center Frequency	455.0kHz
Center Frequency Tolerance	±1.5kHz
Nominal Center Value	No
6dB Bandwidth	fn±6.0kHzmin.
Stop Bandwidth	12.5kHz
Area of Stop Bandwidth	[within 40dB]
Stop Band Attenuation	27dB[within fn±100kHz]
Insertion Loss	6.0dB[at minimum loss point]
Ripple	1.5dB[within fn±4kHz]
Input/Output Impedance	1500Ω
Mass	504mg

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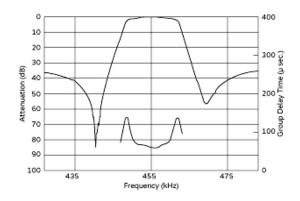
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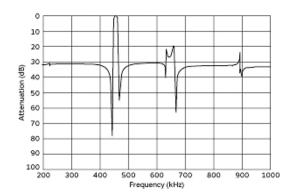
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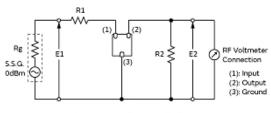
## **Product Data**





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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