

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CFUKF455KC4X-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CFUKF455KC4X-R0

## CFUKF455KC4X-R0









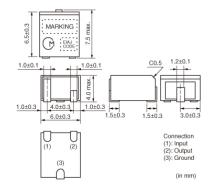
### **Applications**

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
-R0	180mm Embossed Tape	450



### **Features**

The CFUKF series is comprised of small, high-performance, thin (4.0mm) filters consisting of 4 ceramic elements. The filters exhibit an extremely flat GDT characteristic. The filters are recommended for digital communication applications and are perfect in handheld cellular phones, etc.

#### 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 4.0mm maximum thickness, and have a small mounting area (7.5x6.0mm) enabling flexible PCB design.
- 4. The bandwidth ranges from Ato E.
- 5. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)

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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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# **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±12.5kHzmin.	
Stop Bandwidth	30.0kHz	
Area of Stop Bandwidth	[within 40dB]	
Stop Band Attenuation	25dB[within fn±100kHz]	
Insertion Loss	6.0dB[at minimum loss point]	
Ripple	1.0dB[within fn±8kHz]	
GDT Deviation	15.0µs[within fn±8kHz]	
Input/Output Impedance	1000Ω	
Mass	504mg	

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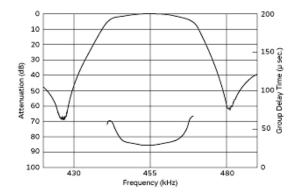
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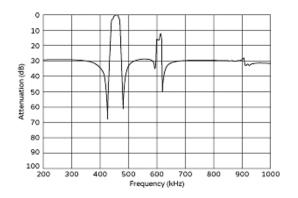
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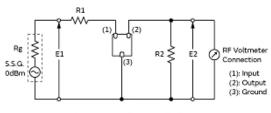
### **Product Data**





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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