

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CFUKG455KG1A-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CFUKG455KG1A-R0

CFUKG455KG1A-R0









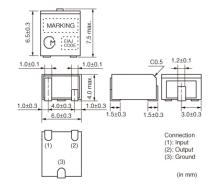
Applications

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	management, and safety required for	
Applications	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)

1 of 3

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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	±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	504mg

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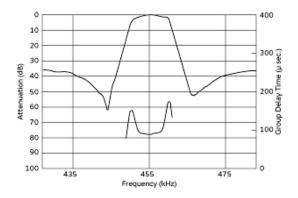
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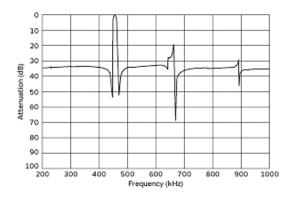
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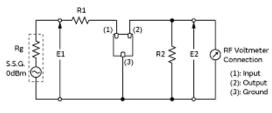
Product Data





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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