

Product Search Data Sheet

CFUKF455KE1X-R0

Discontinued RoHS

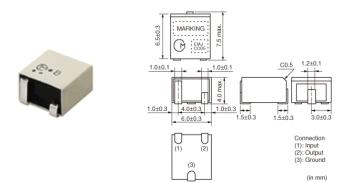
HS REACH

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



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of CFUKF455KE1X-R0 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=CFUKF455KE1X-R0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-R0	180mm Embossed Tape	450



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)

1 of 3

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





CFUKF455KE1X-R0

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of CFUKF455KE1X-R0 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=CFUKF455KE1X-R0



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±7.5kHzmin.
Stop Bandwidth	20.0kHz
Area of Stop Bandwidth	[within 40dB]
Stop Band Attenuation	23dB[within fn±100kHz]
Insertion Loss	8.0dB[at minimum loss point]
Ripple	1.0dB[within fn±5kHz]
GDT Deviation	20.0µs[within fn±5kHz]
Input/Output Impedance	1500Ω
Mass	504mg

2 of 3

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.



Product Search Data Sheet



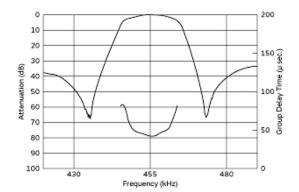
CFUKF455KE1X-R0

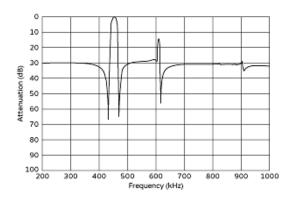
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of CFUKF455KE1X-R0 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=CFUKF455KE1X-R0

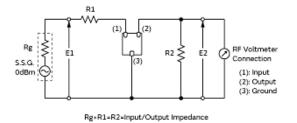
Product Data





Frequency Characteristics

Spurious Response



Measurement Circuit

3 of 3

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.

