Product Search Data Sheet

# CFUKG455KF4A-R0

Discontinued RoHS REACH

Applications

Unsuitable Applications	Please be sure to read and comply with 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
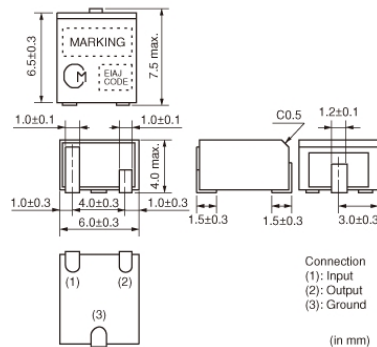
Packaging Information

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

Features

The 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)

URL : https://www.murata.com/

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Note: This datasheet may be out of date.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-gb/products/productdetail?partno=CFUKG455KF4A-R0

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Specifications

Operating Temperature Range	-20℃ to 80℃
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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Last updated04/26/2024

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Product Data
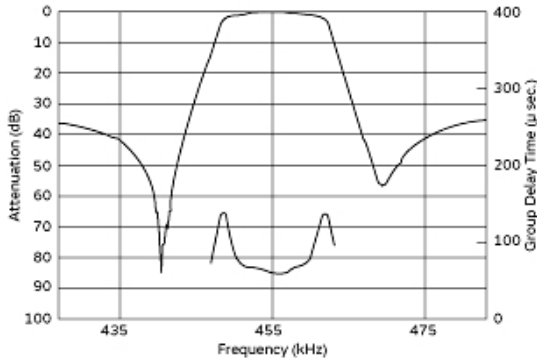
Frequency Characteristics

Spurious Response

Measurement Circuit

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.

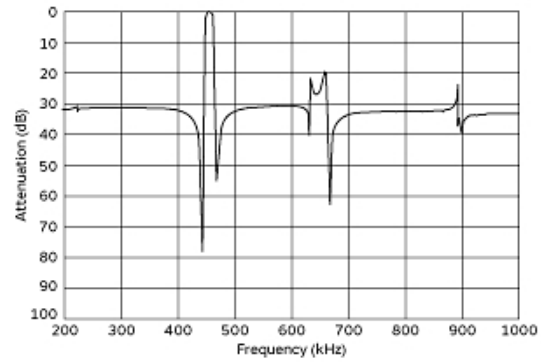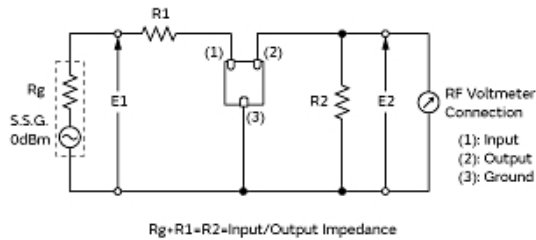Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.