

Product Search Data Sheet

# CFULA455KF1Y-B0

REACH

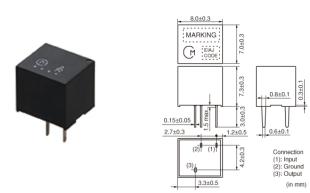
Discontinued RoHS

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Note: This datasheet may be out of date. Please download the latest datasheet of CFULA455KF1Y-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CFULA455KF1Y-B0

### Packaging Information

Packaging	Specifications	Standard Packing Quantity
-B0	Bulk	200



CFULA\_Y series are high selectivity ceramic filters, which consist of 4 ceramic elements connected in a ladder form. They are most suitable for digital communications and cellular phones because of their improved GDT characteristics.

### Features

- 1. High selectivity
- 2. Avariety of bandwidths are available.

3. Excellent GDT characteristics are available within pass bandwidth.

- 4. Easily mounted on a printed circuit board
- 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





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### Specifications

Operating Temperature Range	-20°C to 80°C
Shape	Lead
Elements	4
Center Frequency	455.0kHz
Center Frequency Tolerance	±1kHz
Nominal Center Value	No
6dB Bandwidth	fn±6.0kHzmin.
Stop Bandwidth	17.5kHz
Area of Stop Bandwidth	[within 40dB]
Stop Band Attenuation	23dB[within fn±100kHz]
Insertion Loss	9.0dB[at minimum loss point]
Ripple	1.0dB[within fn±4kHz]
GDT Deviation	20.0µs[within fn±4kHz]
Input/Output Impedance	2000Ω
Mass	1018mg

### 2 of 3

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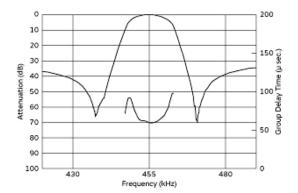


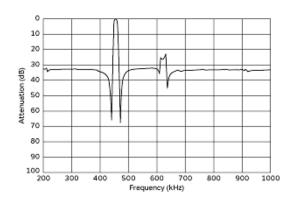
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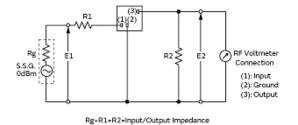
Product Data





**Frequency Characteristics** 

**Spurious Response** 



Measurement Circuit

3 of 3

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