

### Product Search Data Sheet

Note: This datasheet may be out of date.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-sg/products/productdetail?partno=CFULA455KF1Y-B0

# CFULA455KF1Y-B0









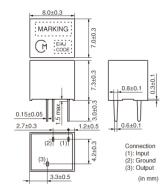
## **Applications**

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		Standard Packing Quantity
-B0	Bulk	200



### **Features**

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

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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





### IIII

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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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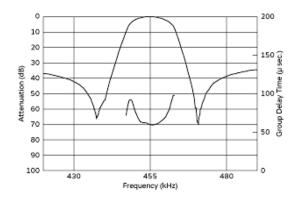
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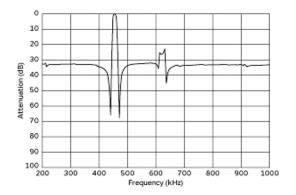
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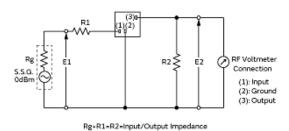
## **Product Data**





### Frequency Characteristics





Measurement Circuit

3 of 3

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