

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CFULA455KF4A-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CFULA455KF4A-B0

# CFULA455KF4A-B0









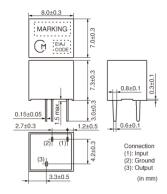
## **Applications**

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







## Packaging Information

Packaging	Specifications	Standard Packing Quantity
-B0	Bulk	200



## **Features**

CFULAseries 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 available
- 3. Excellent GDT characteristics are available within pass
- 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)

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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	Lead	
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	2000Ω	
Mass	1018mg	

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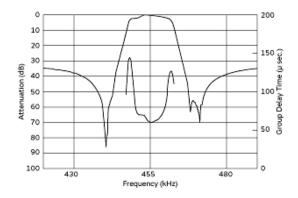
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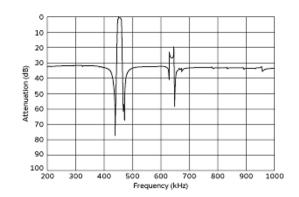
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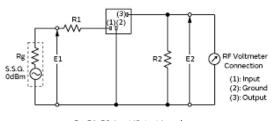
## **Product Data**





### Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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