

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CFULB455KG1Y-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CFULB455KG1Y-B0

# CFULB455KG1Y-B0









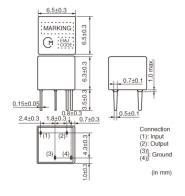
## **Applications**

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	250



### **Features**

Ceramic filter CFULB\_Y series are miniature and highperformance filters. These filters, only 6.3mm high, are 65% the volume of conventional types. Well suited for miniaturizing communications equipment, especially for a cellular phone.

#### Features

- 1. Miniature, flat GDT characteristics
- 2. Suitable for a cellular phone
- 3. Avariety of bandwidths are available.
- 4. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)

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#### 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±4.5kHzmin.	
Stop Bandwidth	15.0kHz	
Area of Stop Bandwidth	[within 40dB]	
Stop Band Attenuation	23dB[within fn±100kHz]	
Insertion Loss	10.0dB[at minimum loss point]	
Ripple	1.0dB[within fn±3kHz]	
GDT Deviation	20.0µs[within fn±3kHz]	
Input/Output Impedance	2000Ω	
Mass	912mg	

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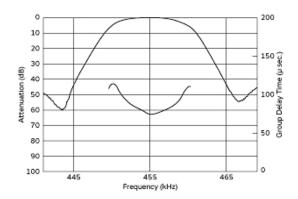
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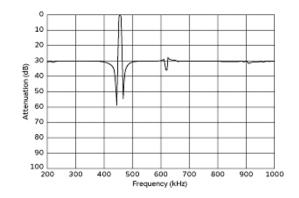
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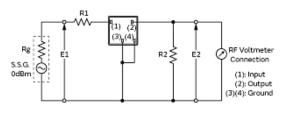
## **Product Data**





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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