

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CFULB455KG1A-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CFULB455KG1A-B0

# CFULB455KG1A-B0









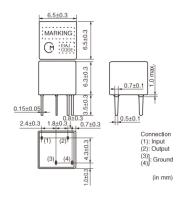
# **Applications**

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,
'	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	250



## **Features**

CFULB series ceramic filters are miniature, highperformance ceramic filters composed of piezoelectric elements connected in a ladder form. These filters, only 6.3mm high, are 65% the volume of conventional types. They are well suited for miniaturizing various kinds of communications equipment, pocket pagers, car radios, cordless telephones and mobile telephones.

### Features

- 1. Miniature and high selectivity
- 2. Avariety of bandwidths are available
- 3. 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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# CFULB455KG1A-B0



# **Specifications**

Operating Temperature Range	-20℃ to 80℃
Shape	Lead
Elements	4
Center Frequency	455.0kHz
Center Frequency Tolerance	±1kHz
Nominal Center Value	No
6dB Bandwidth	fn±4.5kHzmin.
Stop Bandwidth	10.0kHz
Area of Stop Bandwidth	[within 40dB]
Stop Band Attenuation	25dB[within fn±100kHz]
Insertion Loss	6.0dB[at minimum loss point]
Ripple	1.5dB[within fn±3kHz]
Input/Output Impedance	2000Ω
Mass	912mg

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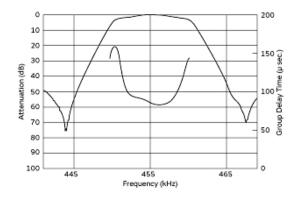
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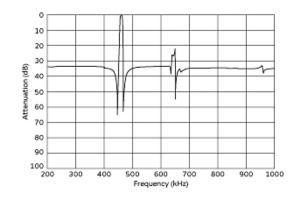
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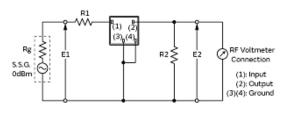
## **Product Data**





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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