

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CFULB455KB4Y-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CFULB455KB4Y-B0

# CFULB455KB4Y-B0









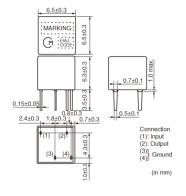
### **Applications**

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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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±15.0kHzmin.
Stop Bandwidth	35.0kHz
Area of Stop Bandwidth	[within 40dB]
Stop Band Attenuation	25dB[within fn±100kHz]
Insertion Loss	5.0dB[at minimum loss point]
Ripple	1.0dB[within fn±10kHz]
GDT Deviation	15.0µs[within fn±10kHz]
Input/Output Impedance	1500Ω
Mass	912mg

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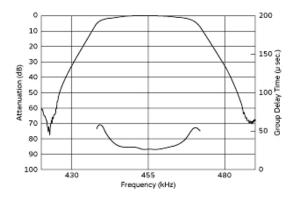
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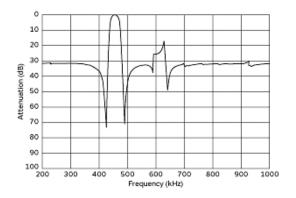
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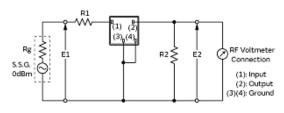
### **Product Data**





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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