

## Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CFWLB455KF1Y-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CFWLB455KF1Y-B0

# CFWLB455KF1Y-B0









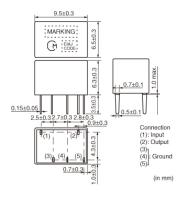
## **Applications**

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	Specifications	Standard Packing Quantity
-B0	Bulk	150



## **Features**

Ceramic filter CFWLB\_Y series are miniature and highperformance filters. These filters, only 6.3mm high, are 67% 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.

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

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# CFWLB455KF1Y-B0



# **Specifications**

Operating Temperature Range	-20°C to 80°C
Shape	Lead
Elements	6
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 50dB]
Stop Band Attenuation	35dB[within fn±100kHz]
Insertion Loss	10.0dB[at minimum loss point]
Ripple	0.5dB[within 6dBB.W.]
GDT Deviation	40.0µs[within fn±4kHz]
Input/Output Impedance	2000Ω
Mass	1386mg

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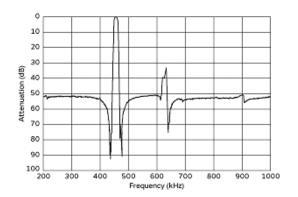
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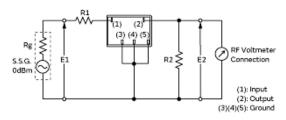


#### 0 250 10 20 200 දි 30 40 50 60 70 80 90 50 100 435 475 Frequency (kHz)



Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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