

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CFWLB455KEFA004-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CFWLB455KEFA004-B0

CFWLB455KEFA004-B0









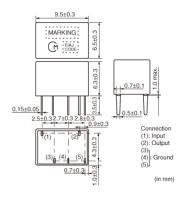
Applications

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	150



Features

CFWLB series ceramic filters are miniature, high-performance ceramic filters composed of piezoelectric elements connected in a ladder form. These filters, only 6.3mm high, are 67% the volume of conventional types. They are well suited for miniaturizing various kinds of communications equipment, pocket pagers, 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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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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CFWLB455KEFA004-B0



Specifications

Operating Temperature Range	-20°C to 80°C
Shape	Lead
Elements	6
Center Frequency	455.0kHz
Nominal Center Value	Yes
3dB Bandwidth	fn±6.0kHzmin.
6dB Bandwidth	fn±7.5kHzmin.
Stop Bandwidth	15.0kHz
Area of Stop Bandwidth	[within 60dB]
Stop Band Attenuation	60dB[within fn±15kHz to 30kHz]
Insertion Loss	5.0dB[at fn]
Ripple	3.0dB[within fn±6kHz]
Input/Output Impedance	1500Ω
Mass	1386mg

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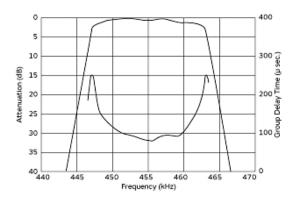
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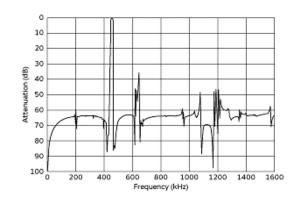
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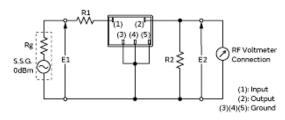
Product Data





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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