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Please download the latest datasheet of CFWLB455KC4Y-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CFWLB455KC4Y-B0

# CFWLB455KC4Y-B0

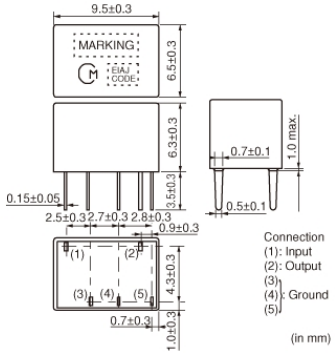
Discontinued RoHS REACH

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment<br>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 | 150 |

## Features

Ceramic filter CFWLB_Y series are miniature and high-performance 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. A variety of bandwidths are available.
4. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)



**Attention**
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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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# CFWLB455KC4Y-B0

## Specifications

| | |
|---|---|
| Operating Temperature Range | -20℃ to 80℃ |
| Shape | Lead |
| Elements | 6 |
| Center Frequency | 455.0kHz |
| Center Frequency Tolerance | ±1.5kHz |
| Nominal Center Value | No |
| 6dB Bandwidth | fn±12.5kHzmin. |
| Stop Bandwidth | 27.5kHz |
| Area of Stop Bandwidth | [within 50dB] |
| Stop Band Attenuation | 40dB[within fn±100kHz] |
| Insertion Loss | 7.0dB[at minimum loss point] |
| Ripple | 1.0dB[within fn±8kHz] |
| GDT Deviation | 30.0μs[within fn±8kHz] |
| Input/Output Impedance | 1500Ω |
| Mass | 1386mg |



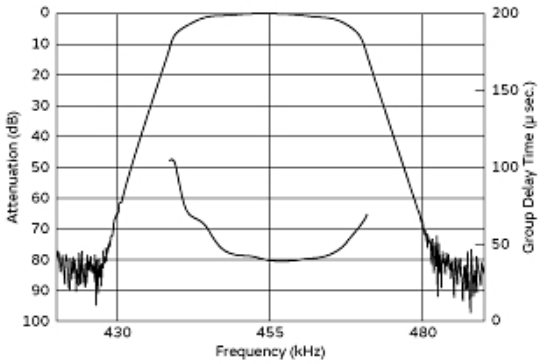
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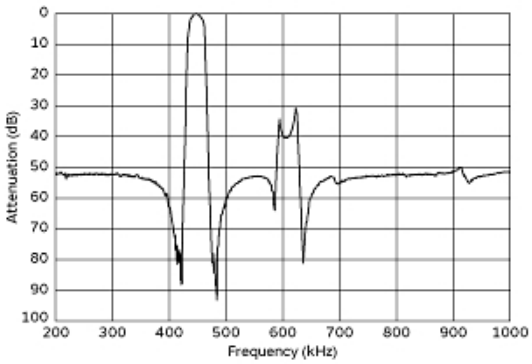
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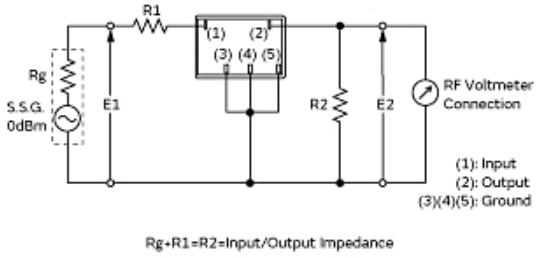
## Product Data




Frequency Characteristics




Spurious Response




Measurement Circuit



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