

# CFULA455KB2A-B0

Discontinued

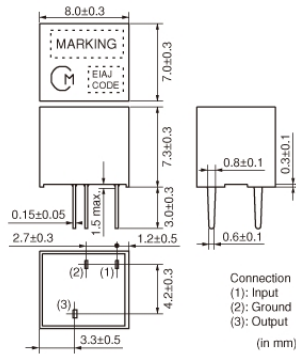
RoHS

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           | 200                       |

## Features

CFULAseries are high selectivity ceramic filters, which consist of 4 ceramic elements connected in a ladder form. They are most suitable for digital communications and cellular phones because of their improved GDT characteristics.

### Features

1. High selectivity
2. A variety of bandwidths available
3. Excellent GDT characteristics are available within pass bandwidth.
4. Easily mounted on a printed circuit board
5. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)

### 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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## Specifications

|                             |                                       |
|-----------------------------|---------------------------------------|
| Operating Temperature Range | -20°C to 80°C                         |
| Shape                       | Lead                                  |
| Elements                    | 4                                     |
| Center Frequency            | 455.0kHz                              |
| Center Frequency Tolerance  | ±2kHz                                 |
| Nominal Center Value        | No                                    |
| 6dB Bandwidth               | $f_n \pm 15.0\text{kHzmin.}$          |
| Stop Bandwidth              | 30.0kHz                               |
| Area of Stop Bandwidth      | [within 40dB]                         |
| Stop Band Attenuation       | 27dB[within $f_n \pm 100\text{kHz}$ ] |
| Insertion Loss              | 4.0dB[at minimum loss point]          |
| Ripple                      | 3.0dB[within $f_n \pm 10\text{kHz}$ ] |
| Input/Output Impedance      | 1500Ω                                 |
| Mass                        | 1018mg                                |

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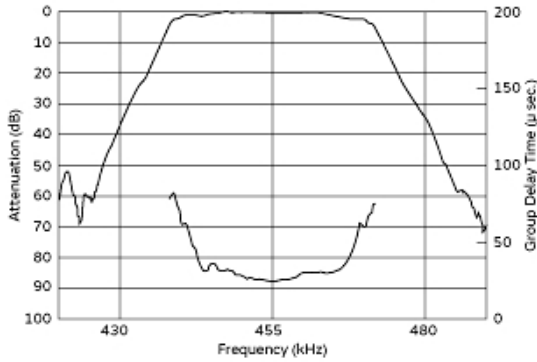
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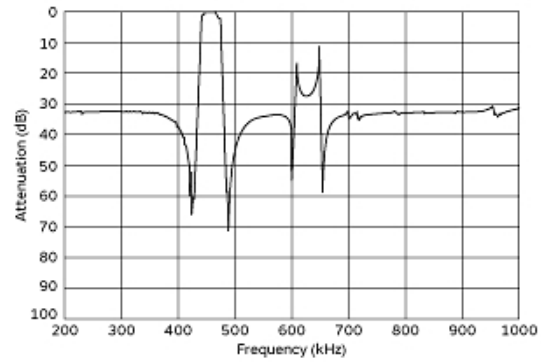
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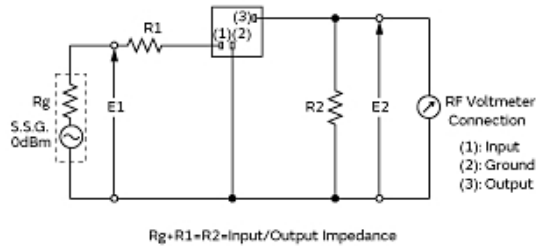
## Product Data



Frequency Characteristics



Spurious Response



Measurement Circuit

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