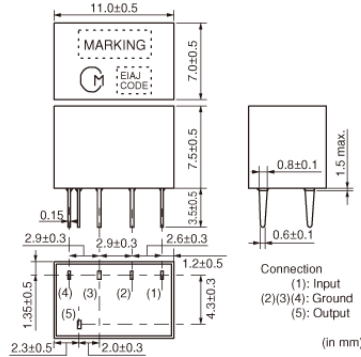


# CFWLA455KG1Y-B0

Discontinued RoHS REACH

## Appearance & Shape



## Features

CFWLA\_Y series are high selectivity ceramic filters, which consist of 6 ceramic elements connected in a ladder form. They are most suitable for digital communications and mobile telephones because of their improved GDT characteristics.

### Features

1. High selectivity
2. A variety of bandwidths are 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)

## Applications

Other Usage Communication Equipment

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-B0	Bulk	150

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# CFWLA455KG1Y-B0



## Specifications

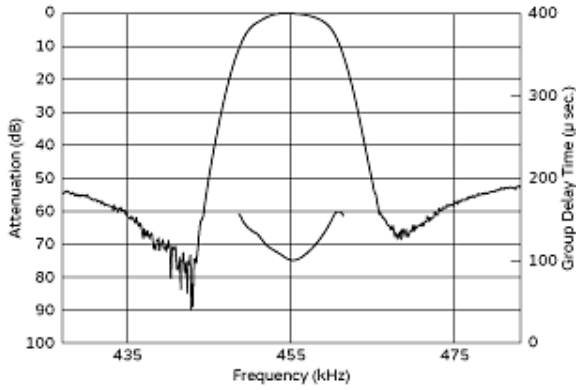
Operating Temperature Range	-20°C to 80°C
Shape	Lead
Elements	6
Center Frequency	455.0kHz
Center Frequency Tolerance	±1kHz
Nominal Center Value	No
6dB Bandwidth	$f_n \pm 4.5\text{kHzmin.}$
Stop Bandwidth	15.0kHz
Area of Stop Bandwidth	[within 50dB]
Stop Band Attenuation	40dB[within $f_n \pm 100\text{kHz}$ ]
Insertion Loss	11.0dB[at minimum loss point]
Ripple	1.0dB[within $f_n \pm 3\text{kHz}$ ]
GDT Deviation	40.0 $\mu\text{s}$ [within $f_n \pm 3\text{kHz}$ ]
Input/Output Impedance	2000 $\Omega$

### Attention

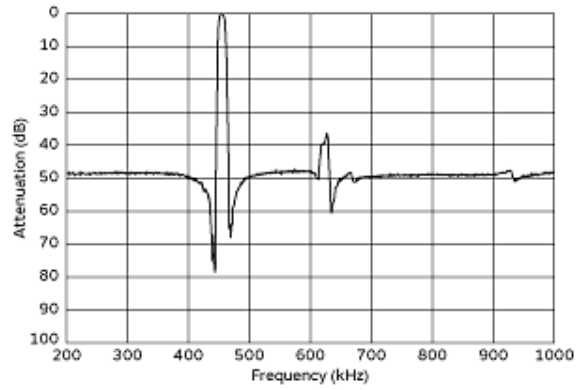
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet 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.

# CFWLA455KG1Y-B0

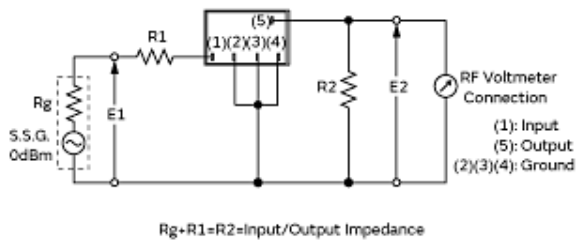
## Product Data



Frequency Characteristics



Spurious Response



Measurement Circuit

**Attention**

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.