

# BLF02GD162GNE#

“#” indicates a package specification code.

In Production

RoHS

REACH

## < List of part numbers with package codes >

BLF02GD162GNEB

BLF02GD162GNED

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant &amp; operation &amp; auto-dispenser equipment, Industrial equipment except for transportation &amp; facility &amp; energy equipment</p> <p>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.</p>

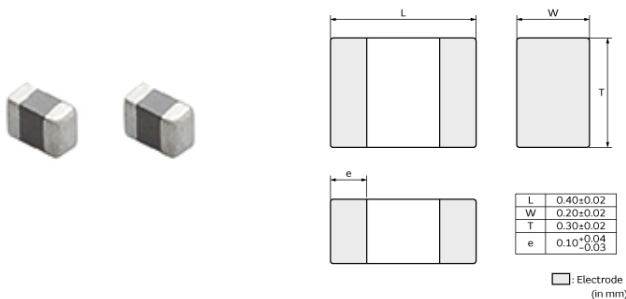
## Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	15000

## Features

1. Frequency specified filters are designed to reduce noise greatly at specified frequency. which greatly reduces the possibility of resonance and leaves signal wave forms undistorted. BLF series is effective in circuits without stable ground lines because BLF series does not need a connection to ground.
2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
3. BLF02GD series is designed to have high impedance especially, at 700MHz to 1GHz. Suitable for immunity noise suppression for GSM band.

## Appearance & Shape



### 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.

# BLF02GD162GNE#

“#” indicates a package specification code.



## Specifications

Shape	SMD
Size Code (in inch)	01005
Length	0.4mm
Length Tolerance	±0.02mm
Width	0.2mm
Width Tolerance	±0.02mm
Thickness	0.3mm
Thickness Tolerance	±0.02mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.125mg
Number of Circuit	1
Rated Current (at 85°C)	100mA
Rated Current (at 125°C)	100mA
DC Resistance(max.)	3Ω
Impedance (at Target Frequency)	1600Ω±40% (at 700MHz)
Size Code (in mm)	0402

### 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.

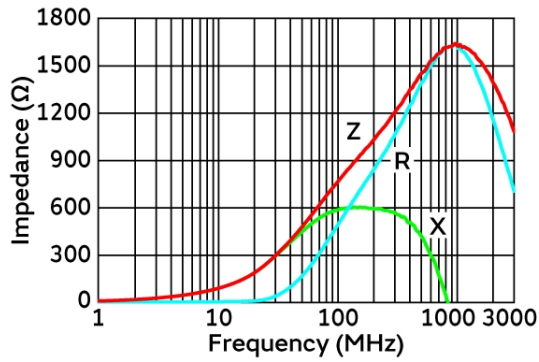
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# BLF02GD162GNE#

“#” indicates a package specification code.



## Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

### 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.