

BLF02GD162GNE#

Note: This datasheet may be out of date.

Please download the latest datasheet of BLF02GD162GNE# from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en-us/products/productdetail?partno=BLF02GD162GNE%23>

"#" indicates a package specification code.





< List of part numbers with package codes >

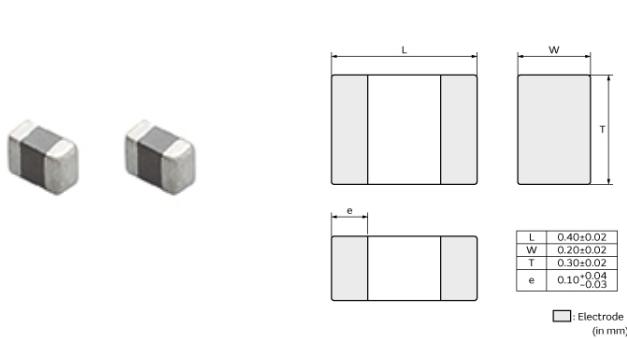
BLF02GD162GNEB

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 & operation & auto-dispenser equipment, Industrial equipment except for transportation & facility & 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>

Appearance & Shape



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.
2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
3. BLF series is effective in circuits without stable ground lines because BLF series does not need a connection to ground.
4. Suitable for immunity noise suppression for GSM band.

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.

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Specifications

Shape	SMD
Size Code (in inch)	01005
Length	0.4mm
Length Tolerance	± 0.02 mm
Width	0.2mm
Width Tolerance	± 0.02 mm
Thickness	0.3mm
Thickness Tolerance	± 0.02 mm
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 $\pm 40\%$ (at 700MHz)
Size Code (in mm)	0402

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Attention

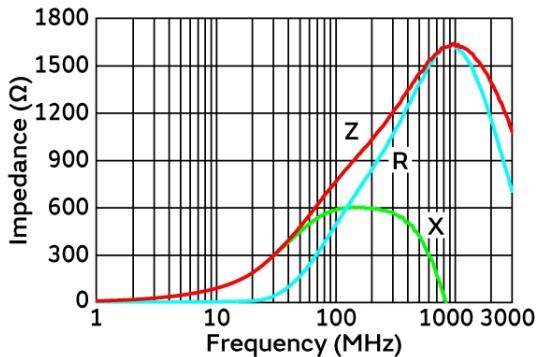
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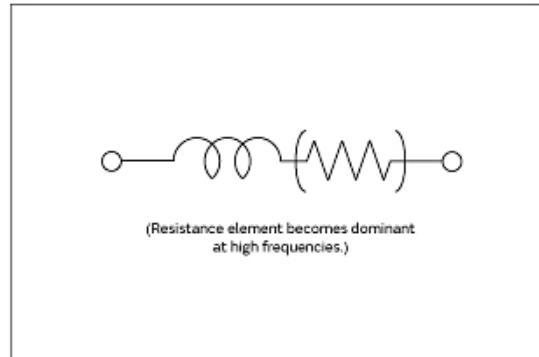
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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