

BLF03RD102GZE#

“#” indicates a package specification code.

In Production

New

AEC-Q200

RoHS

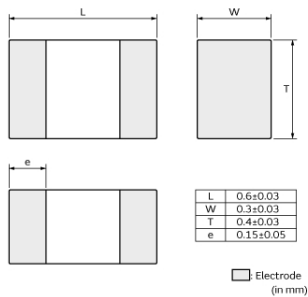
REACH

< List of part numbers with package codes >

BLF03RD102GZEB

BLF03RD102GZED

Appearance & Shape



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. BLF03RD series is designed to have high impedance at 2.4GHz. Suitable for immunity noise suppression for LTE band, WiFi band.

Applications

Automotive Usage	Infotainment
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Packaging Information

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

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)	0201
Length	0.6mm
Length Tolerance	±0.03mm
Width	0.3mm
Width Tolerance	±0.03mm
Thickness	0.4mm
Thickness Tolerance	±0.03mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.4mg
Number of Circuit	1
Rated Current (at 85°C)	220mA
Rated Current (at 125°C)	220mA
DC Resistance(max.)	1Ω
Impedance (at Target Frequency)	1000Ω(Typ.) (at 2.4GHz)
Size Code (in mm)	0603

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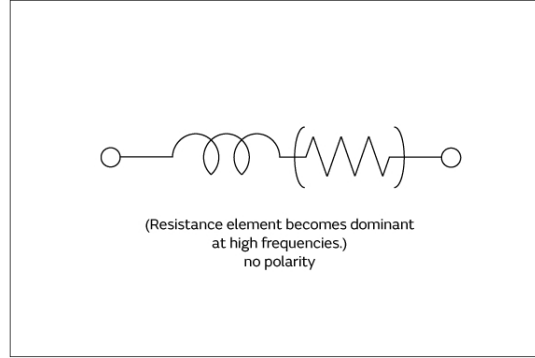
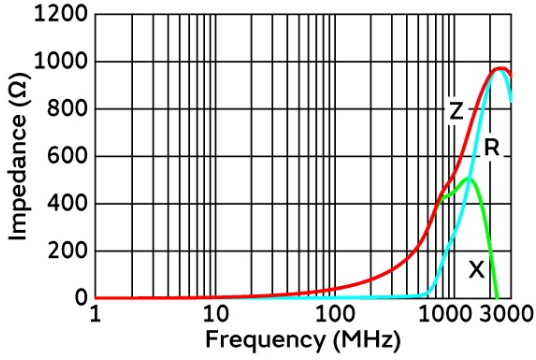
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Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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