

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of BLF03RD102GNE# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLF03RD102GNE%23

"#" indicates a package specification code.

BLF03RD102GNE#









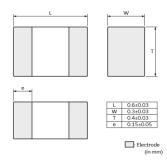
< List of part numbers with package codes > BLF03RD102GNEB BLF03RD102GNED



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

Other Usage For general



Packaging Information

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

1 of 3

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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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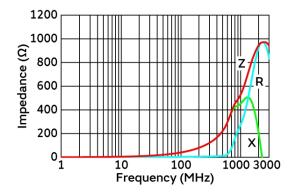
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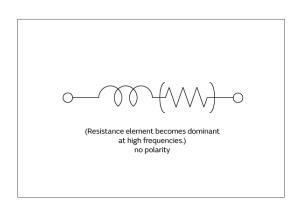
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Impedance-Frequency Characteristics

Equivalent Circuit

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