

BLM18KG471BH1#

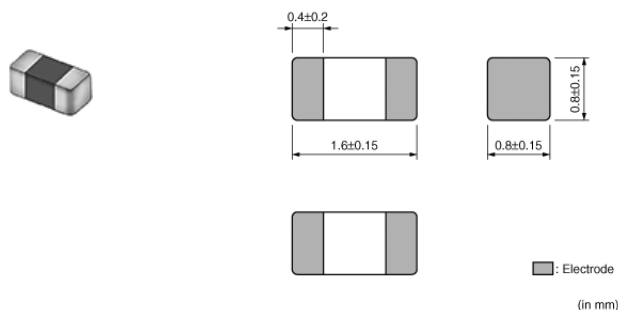
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM18KG471BH1D BLM18KG471BH1B

Appearance & Shape



Features

The chip ferrite beads BLM series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.

BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance. Also it can be used up to 150 °C.

BLM_KG series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 4ADC.

Applications

Automotive Usage	Powertrain/Safety
------------------	-------------------

Packaging Information

Packaging	Specifications	Minimum Order Quantity
D	180mm Paper Tape	4000
B	Bulk(Bag)	1000

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.

BLM18KG471BH1#

“#” indicates a package specification code.



Specifications

Shape	SMD	Number of Circuit	1
Size Code (in mm)	1608		
Size Code (in inch)	0603		
Length	1.6mm		
Length Tolerance	±0.15mm		
Width	0.8mm		
Width Tolerance	±0.15mm		
Thickness	0.8mm		
Thickness Tolerance	±0.15mm		
Impedance (at 100MHz)	470Ω		
Impedance (at 100MHz) Tolerance	±25%		
Rated Current (at 85°C)	1A		
Rated Current (at 125°C)	1A		
Rated Current (at 150°C)	10mA		
DC Resistance(max.)	0.13Ω		
Operating Temperature Range	-55°C to 150°C		
Mass(typ.)	0.005g		

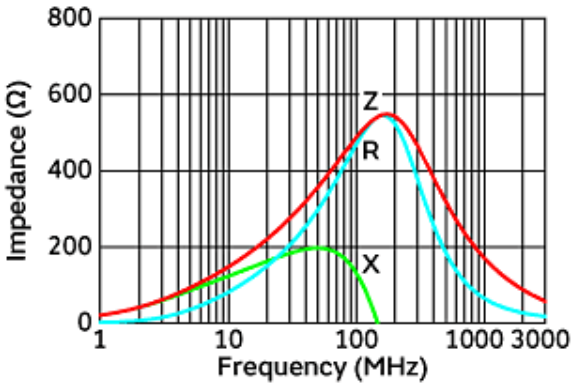
Attention

- 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.

BLM18KG471BH1#

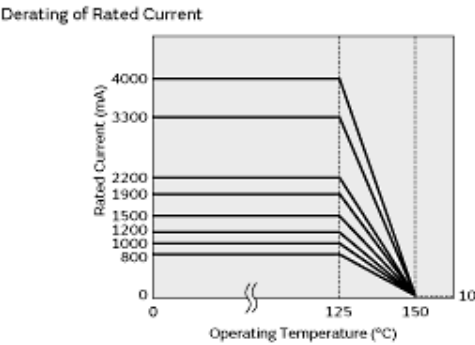
“#” indicates a package specification code.

Product Data

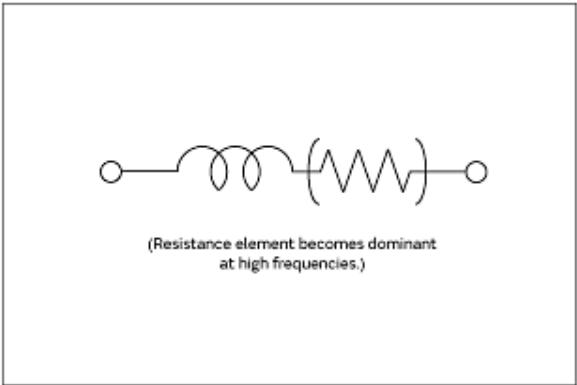


Impedance-Frequency Characteristics

In operating temperature exceeding +125°C, derating of current is necessary for BLM18KG_JH1/_BH1 series. Please apply the derating curve shown in chart according to the operating temperature.



Derating of Rated Current



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.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9