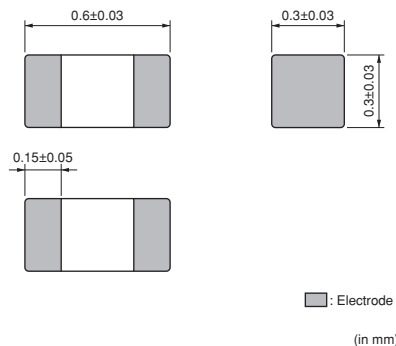


EMIFIL® (Inductor type) chip Ferrite Bead

BLM03B Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03BD750SN1□	75ohm ±25%	-	300mA	0.4ohm max.	-55 to +125°C
BLM03BD121SN1□	120ohm ±25%	-	250mA	0.5ohm max.	-55 to +125°C
BLM03BD241SN1□	240ohm ±25%	-	200mA	0.8ohm max.	-55 to +125°C
BLM03BD471SN1□	470ohm ±25%	-	215mA	1.5ohm max.	-55 to +125°C
BLM03BD601SN1□	600ohm ±25%	-	200mA	1.7ohm max.	-55 to +125°C
BLM03BB100SN1□	10ohm ±25%	-	300mA	0.4ohm max.	-55 to +125°C
BLM03BB220SN1□	22ohm ±25%	-	200mA	0.5ohm max.	-55 to +125°C
BLM03BB470SN1□	47ohm ±25%	-	200mA	0.7ohm max.	-55 to +125°C
BLM03BB750SN1□	75ohm ±25%	-	200mA	1.0ohm max.	-55 to +125°C
BLM03BB121SN1□	120ohm ±25%	-	100mA	1.5ohm max.	-55 to +125°C
BLM03BC330SN1□	33ohm ±25%	-	150mA	0.85ohm max.	-55 to +125°C
BLM03BC560SN1□	56ohm ±25%	-	100mA	1.05ohm max.	-55 to +125°C
BLM03BC800SN1□	80ohm ±25%	-	100mA	1.40ohm max.	-55 to +125°C

Number of Circuits: 1

Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

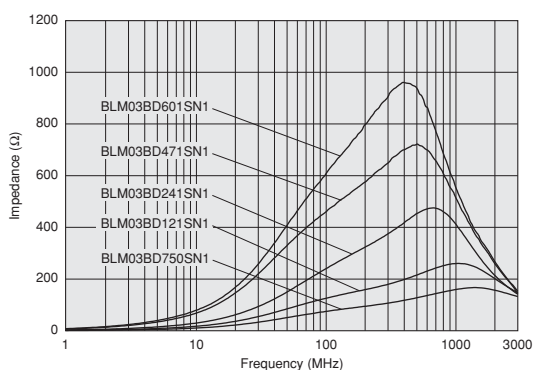
⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

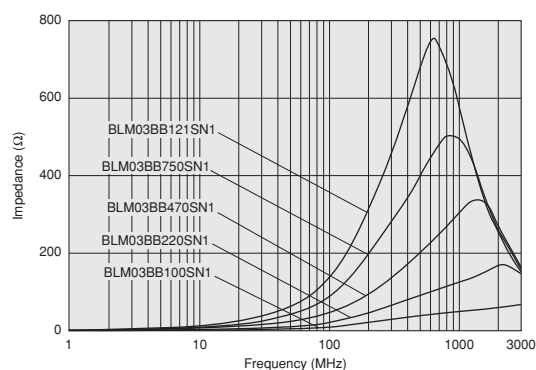
■ Impedance-Frequency Characteristics (Main Items)

BLM03BD Series



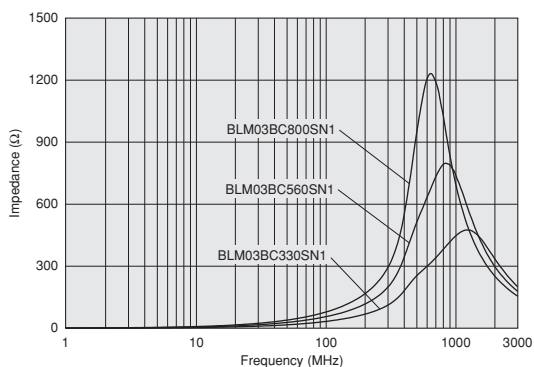
■ Impedance-Frequency Characteristics (Main Items)

BLM03BB Series



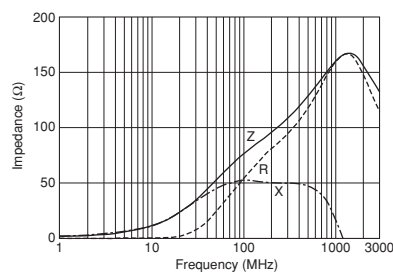
■ Impedance-Frequency Characteristics (Main Items)

BLM03BC Series



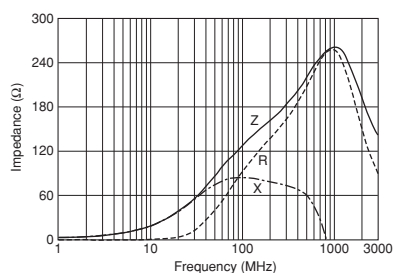
■ Impedance-Frequency Characteristics

BLM03BD750SN1



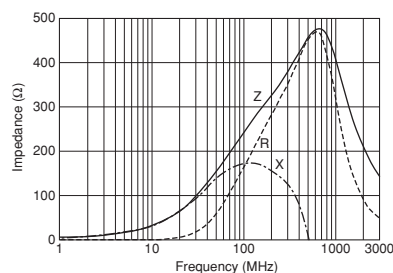
■ Impedance-Frequency Characteristics

BLM03BD121SN1



■ Impedance-Frequency Characteristics

BLM03BD241SN1



Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

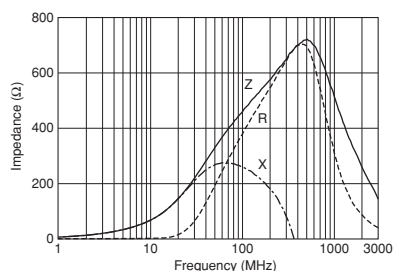
⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

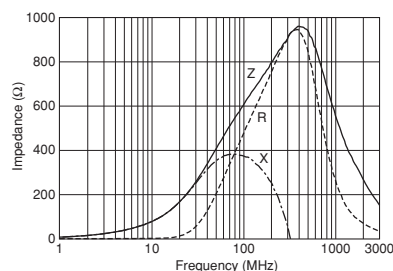
Impedance-Frequency Characteristics

BLM03BD471SN1



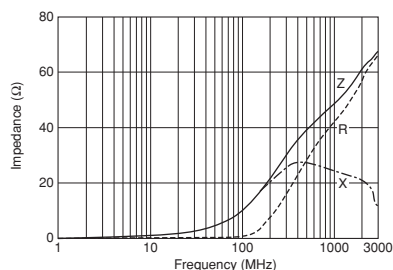
Impedance-Frequency Characteristics

BLM03BD601SN1



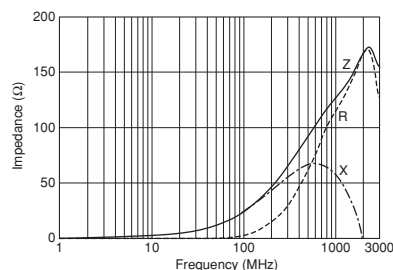
Impedance-Frequency Characteristics

BLM03BB100SN1



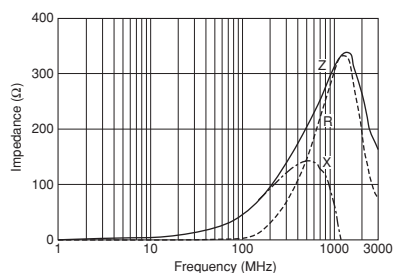
Impedance-Frequency Characteristics

BLM03BB220SN1



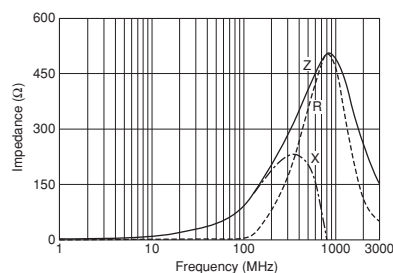
Impedance-Frequency Characteristics

BLM03BB470SN1



Impedance-Frequency Characteristics

BLM03BB750SN1



Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

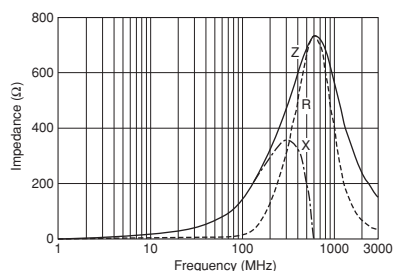
Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

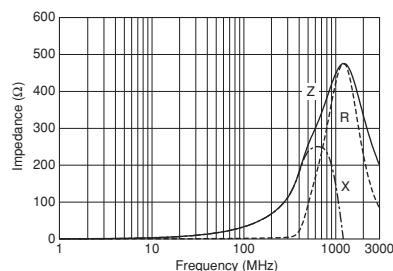
Impedance-Frequency Characteristics

BLM03BB121SN1



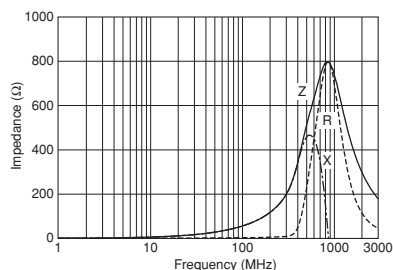
Impedance-Frequency Characteristics

BLM03BC330SN1



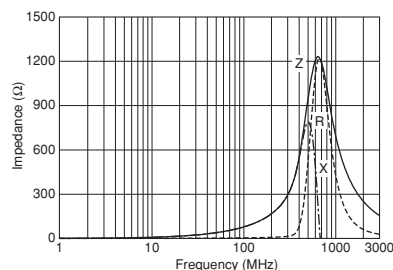
Impedance-Frequency Characteristics

BLM03BC560SN1



Impedance-Frequency Characteristics

BLM03BC800SN1



⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.