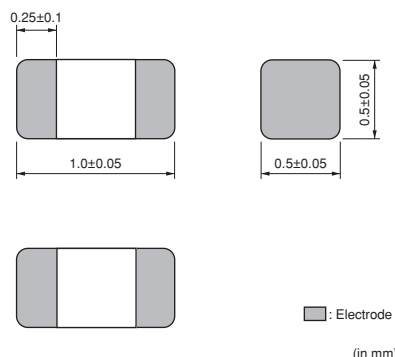


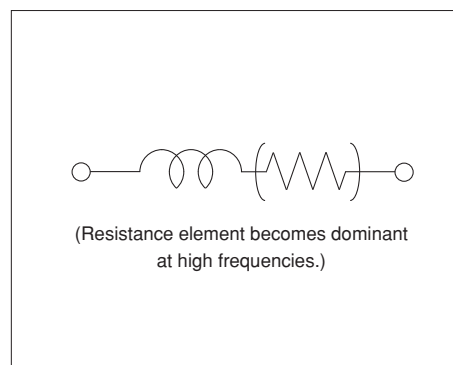
# EMIFIL® (Inductor type) chip Ferrite Bead

## BLM15PX Series (0402 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
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
BLM15PX330SN1□	33ohm ±25%	-	3000mA	0.022ohm max.	-55 to +125°C
BLM15PX600SN1□	60ohm ±25%	-	2500mA	0.032ohm max.	-55 to +125°C
BLM15PX800SN1□	80ohm ±25%	-	2300mA	0.038ohm max.	-55 to +125°C
BLM15PX121SN1□	120ohm ±25%	-	2000mA	0.055ohm max.	-55 to +125°C
BLM15PX181SN1□	180ohm ±25%	-	1500mA	0.090ohm max.	-55 to +125°C
BLM15PX221SN1□	220ohm ±25%	-	1400mA	0.10ohm max.	-55 to +125°C
BLM15PX331SN1□	330ohm ±25%	-	1200mA	0.15ohm max.	-55 to +125°C
BLM15PX471SN1□	470ohm ±25%	-	1000mA	0.20ohm max.	-55 to +125°C
BLM15PX601SN1□	600ohm ±25%	-	900mA	0.23ohm 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:

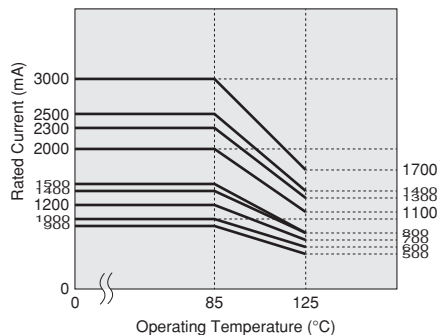
1. This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet 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.

## Derating of Rated Current

In operating temperature exceeding +85°C, derating of current is necessary for BLM15PX series.  
Please apply the derating curve shown in chart according to the operating temperature.

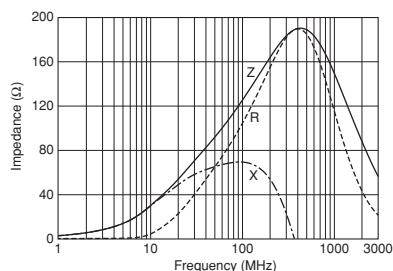
Derating of Rated Current



Continued from the preceding page.

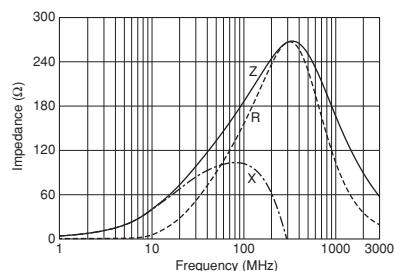
### Impedance-Frequency Characteristics

#### BLM15PX121SN1



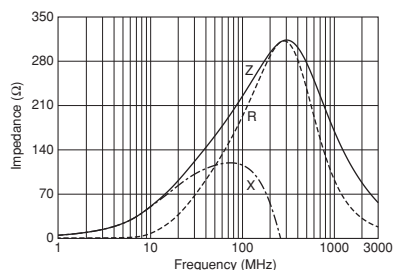
### Impedance-Frequency Characteristics

#### BLM15PX181SN1



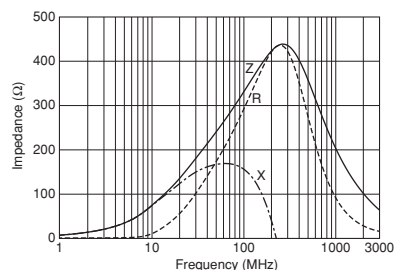
### Impedance-Frequency Characteristics

#### BLM15PX221SN1



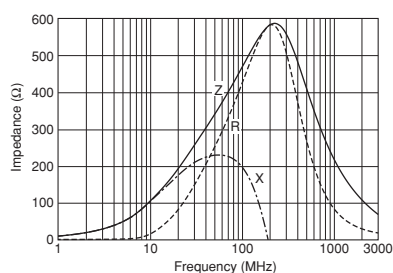
### Impedance-Frequency Characteristics

#### BLM15PX331SN1



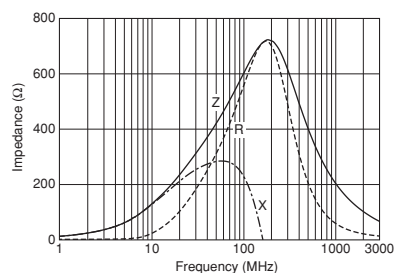
### Impedance-Frequency Characteristics

#### BLM15PX471SN1



### Impedance-Frequency Characteristics

#### BLM15PX601SN1




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.

### ■ ⚠ 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.