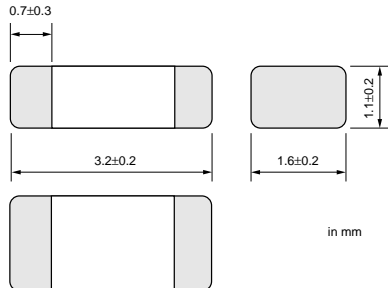


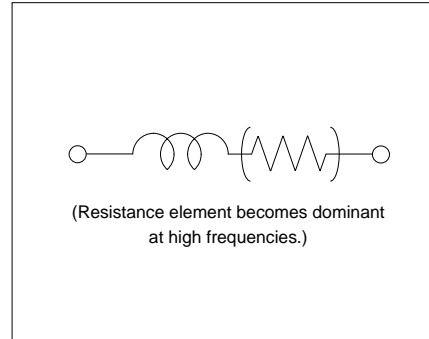
# Chip EMIFIL® Inductor Type Chip Ferrite Beads

## BLM31P Series (1206 Size)

### ■ Dimension



### ■ Equivalent Circuit



### ■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	3000
K	330mm Embossed Tape	10000
B	Bulk(Bag)	1000

### ■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range	Number of Circuits
BLM31PG330SN1□	33ohm±25%	-	6000mA	0.01ohm	-55°C to +125°C	1
BLM31PG500SN1□	50ohm(Typ.)	-	3000mA	0.025ohm	-55°C to +125°C	1
BLM31PG121SN1□	120ohm±25%	-	3000mA	0.025ohm	-55°C to +125°C	1
BLM31PG391SN1□	390ohm±25%	-	2000mA	0.05ohm	-55°C to +125°C	1
BLM31PG601SN1□	600ohm±25%	-	1500mA	0.09ohm	-55°C to +125°C	1

Continued on the following page.

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

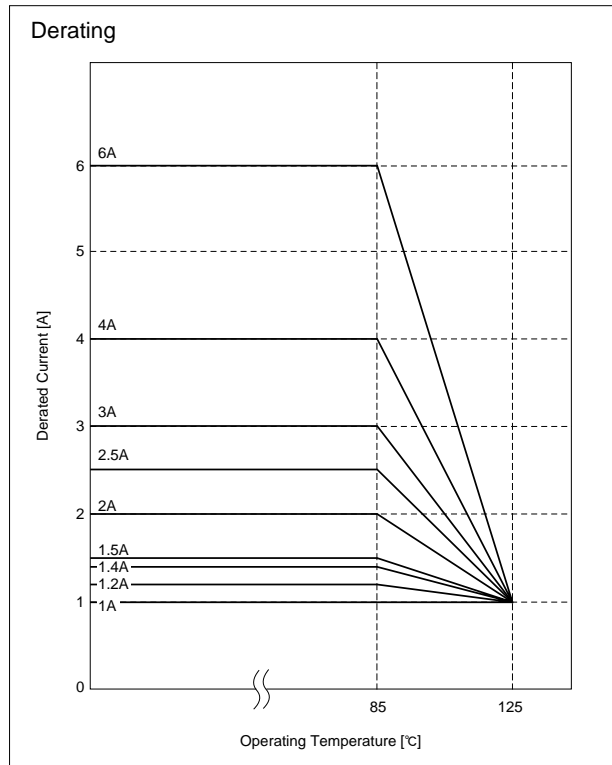
#### ⚠ Note:

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.

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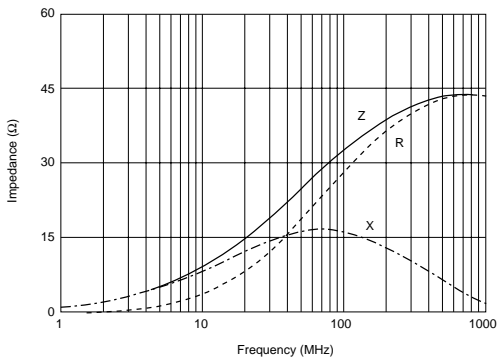
**Notice (Rating)**

In operating temperatures exceeding +85°C, derating of current is necessary for chip Ferrite Beads for which rated current is 1500mA or over. Please apply the derating curve shown in chart according to the operating temperature.



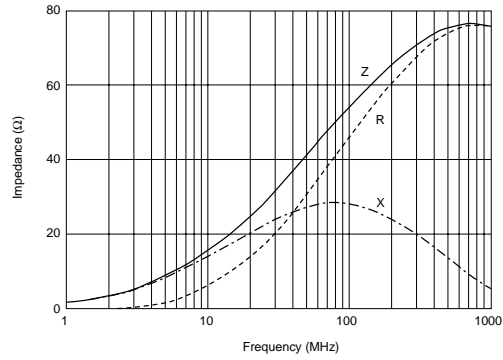
**Impedance-Frequency Characteristics**

BLM31PG330SN1



**Impedance-Frequency Characteristics**

BLM31PG500SN1



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

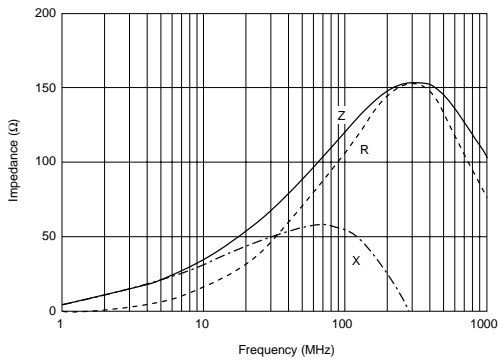
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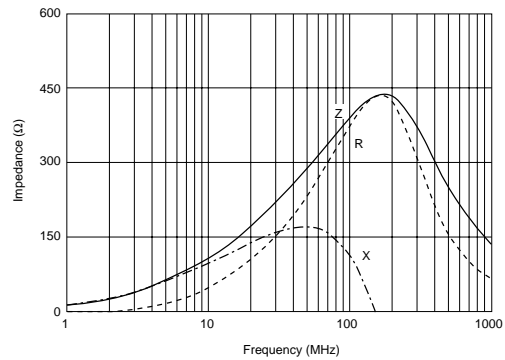
### Impedance-Frequency Characteristics

**BLM31PG121SN1**



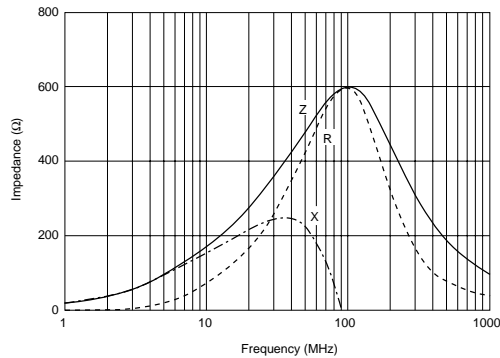
### Impedance-Frequency Characteristics

**BLM31PG391SN1**



### Impedance-Frequency Characteristics

**BLM31PG601SN1**



### Caution/Notice

#### Caution (Rating)

Do not use products beyond the rated current and rated voltage 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.

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