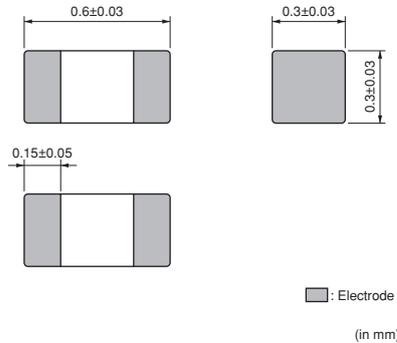


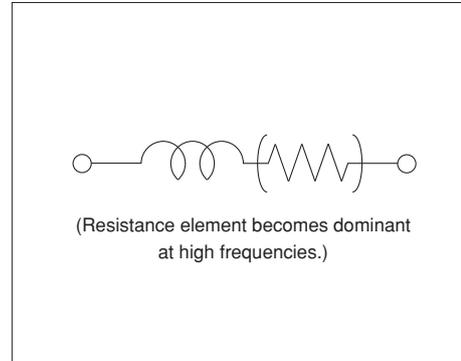
# EMIFIL® (Inductor type) Chip Ferrite Bead for GHz Noise

## BLM03H Series (0201 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ 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
BLM03HG601SN1□	600ohm ±25%	1000ohm ±40%	150mA	1.6ohm max.	-55 to +125°C
BLM03HG102SN1□	1000ohm ±25%	1800ohm ±40%	125mA	2.6ohm max.	-55 to +125°C
BLM03HG122SN1□	1200ohm ±25%	2000ohm ±40%	100mA	3.5ohm max.	-55 to +125°C
BLM03HD331SN1□	330ohm ±25%	750ohm ±40%	200mA	1.0ohm max.	-55 to +125°C
BLM03HD471SN1□	470ohm ±25%	1000ohm ±40%	175mA	1.3ohm max.	-55 to +125°C
BLM03HD601SN1□	600ohm ±25%	1500ohm ±40%	150mA	1.7ohm max.	-55 to +125°C
BLM03HD102SN1□	1000ohm ±25%	2300ohm ±40%	120mA	2.9ohm max.	-55 to +125°C
BLM03HB191SN1□	190ohm ±25%	1150ohm ±40%	150mA	2.0ohm 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.

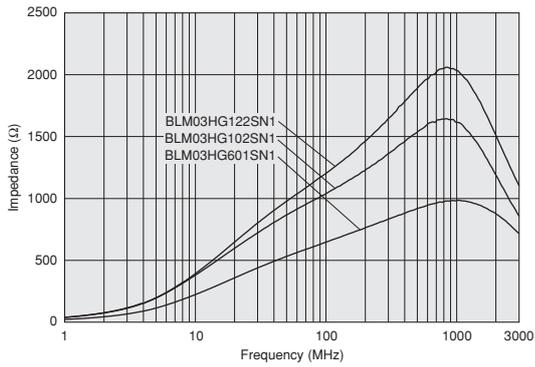
### ⚠ Note:

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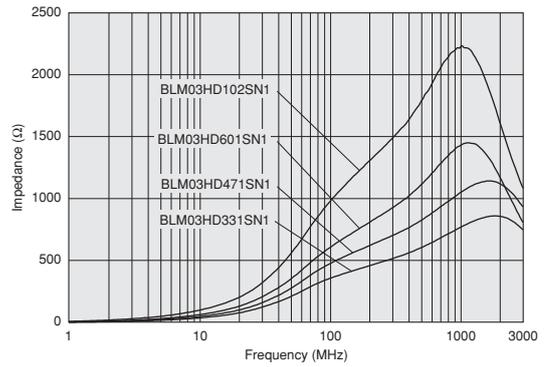
**Impedance-Frequency Characteristics (Main Items)**

**BLM03HG Series**



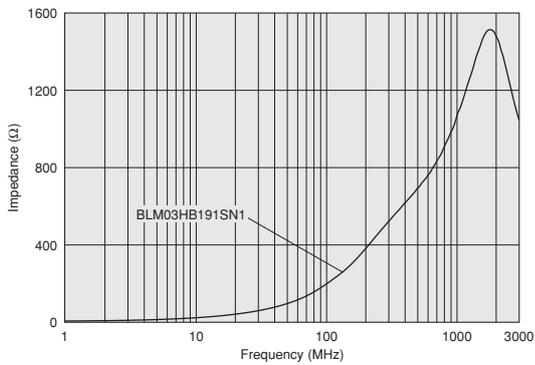
**Impedance-Frequency Characteristics (Main Items)**

**BLM03HD Series**



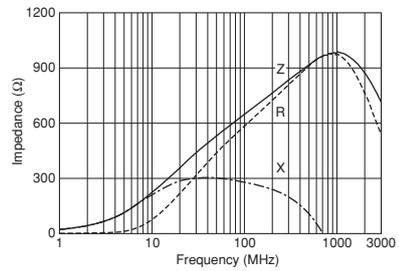
**Impedance-Frequency Characteristics (Main Items)**

**BLM03HB Series**



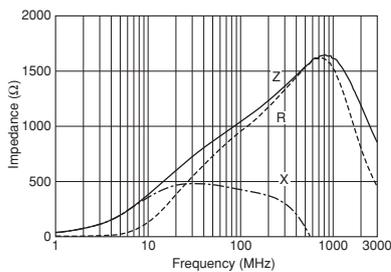
**Impedance-Frequency Characteristics**

**BLM03HG601SN1**



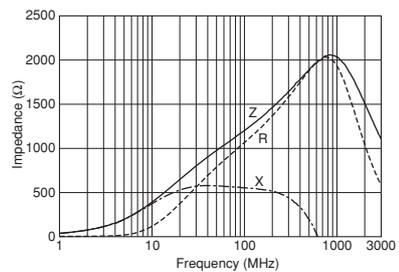
**Impedance-Frequency Characteristics**

**BLM03HG102SN1**



**Impedance-Frequency Characteristics**

**BLM03HG122SN1**



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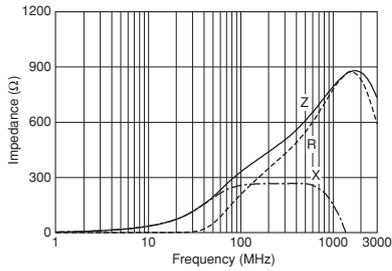
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**Note:**

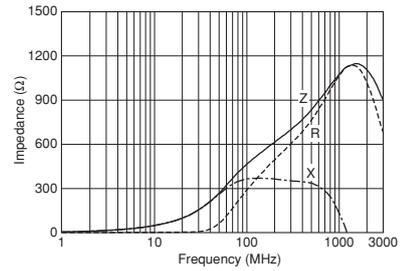
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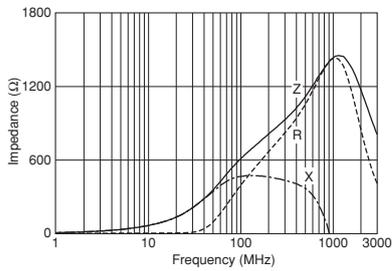
**Impedance-Frequency Characteristics**  
**BLM03HD331SN1**



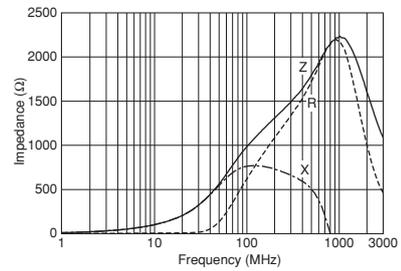
**Impedance-Frequency Characteristics**  
**BLM03HD471SN1**



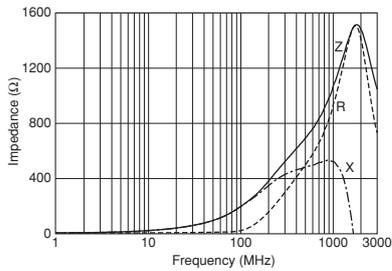
**Impedance-Frequency Characteristics**  
**BLM03HD601SN1**



**Impedance-Frequency Characteristics**  
**BLM03HD102SN1**



**Impedance-Frequency Characteristics**  
**BLM03HB191SN1**



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### ■ 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.

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