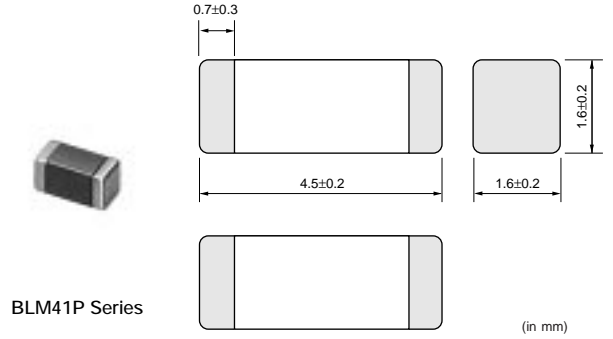


## BLM41P Series (1806 Size)



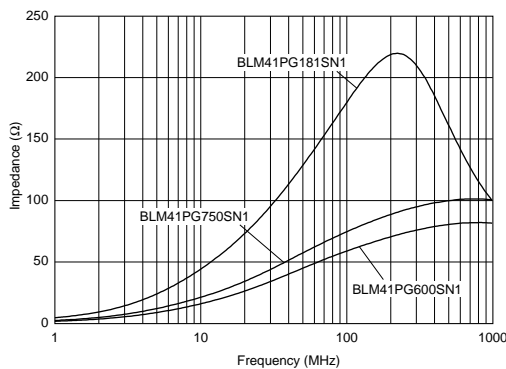
1

Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
<b>BLM41PG600SN1</b>	60 (Typ.)	6000	0.01	-55 to +125
<b>BLM41PG750SN1</b>	75 (Typ.)	3000	0.025	-55 to +125
<b>BLM41PG181SN1</b>	180 ±25%	3000	0.025	-55 to +125
<b>BLM41PG471SN1</b>	470 ±25%	2000	0.05	-55 to +125
<b>BLM41PG102SN1</b>	1000 ±25%	1500	0.09	-55 to +125

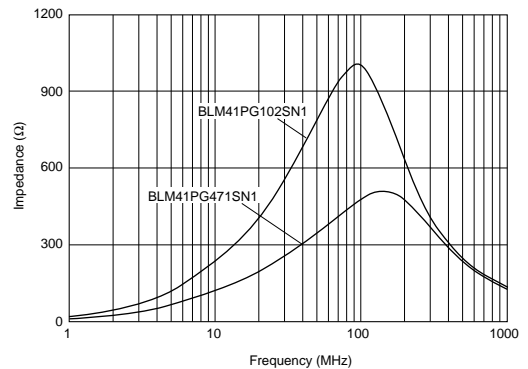
For the items of rated current higher than 1500mA, derating is required. Please refer to p.68, "Derating of Rated Current".

### ■ Impedance - Frequency (Typical)

BLM41P Series (60-180ohm)

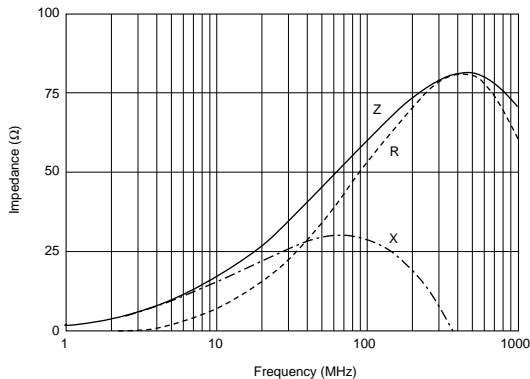


BLM41P Series (470-1000ohm)

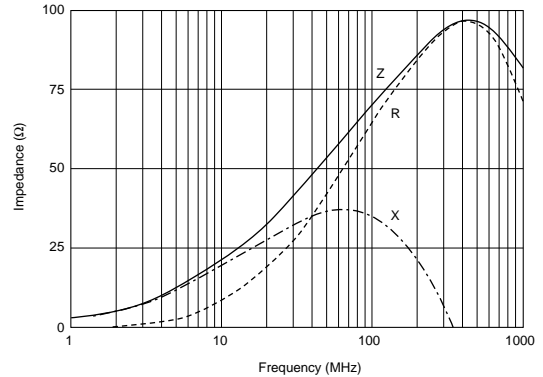


### ■ Impedance - Frequency Characteristics

BLM41PG600SN1



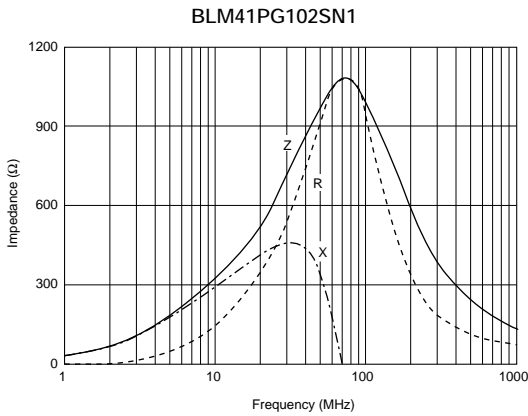
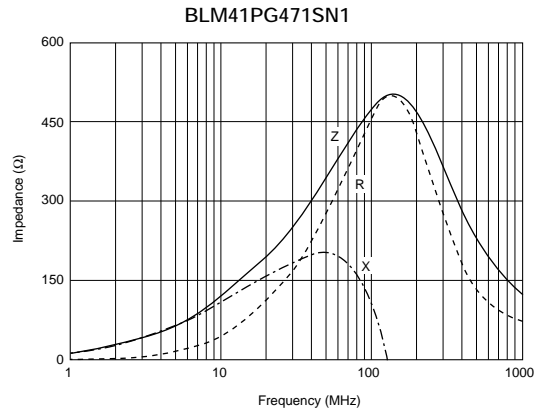
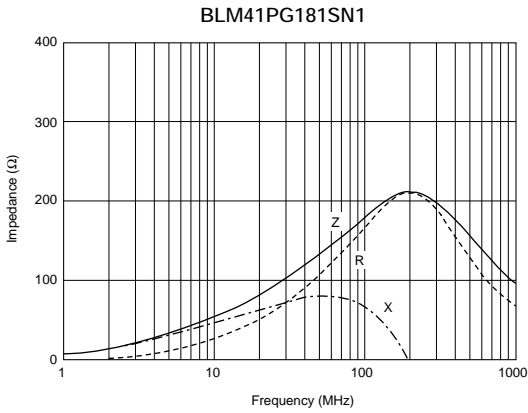
BLM41PG750SN1



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## ■ Impedance - Frequency Characteristics



## BLM18K Series (0603 Size)

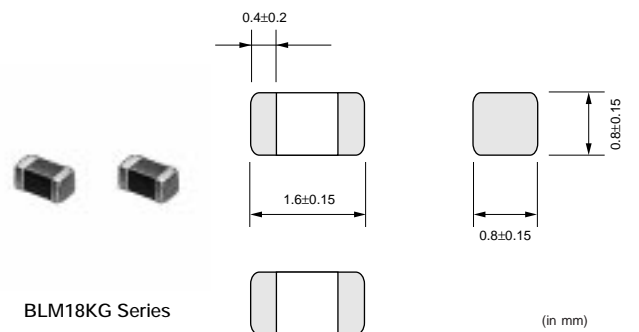
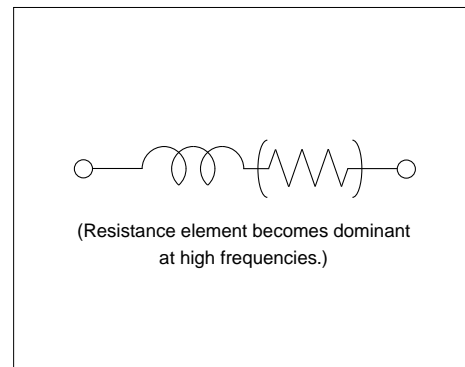
### ■ Features

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. BLM\_K series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 6A DC.

### ■ Equivalent Circuit

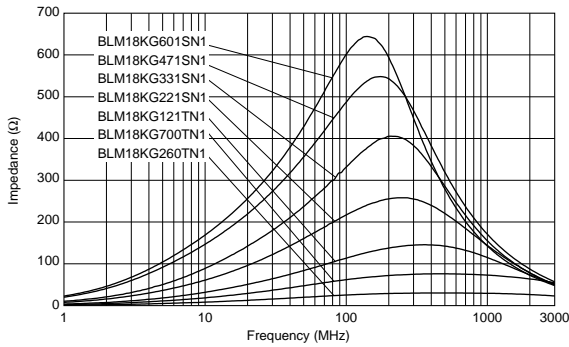


Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
<b>BLM18KG260TN1</b>	26 ±25%	6000	0.007	-55 to +125
<b>BLM18KG700TN1</b>	70 ±25%	3500	0.022	-55 to +125
<b>BLM18KG121TN1</b>	120 ±25%	3000	0.030	-55 to +125
<b>BLM18KG221SN1</b>	220 ±25%	2200	0.050	-55 to +125
<b>BLM18KG331SN1</b>	330 ±25%	1700	0.080	-55 to +125
<b>BLM18KG471SN1</b>	470 ±25%	1500	0.130	-55 to +125
<b>BLM18KG601SN1</b>	600 ±25%	1300	0.150	-55 to +125

For the items of rated current higher than 1200mA, derating is required. Please refer to p.66, "Derating of Rated Current".

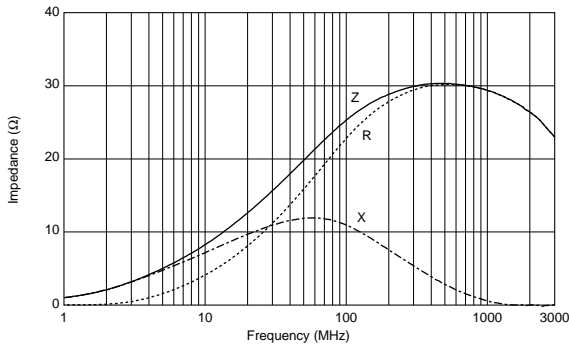
## ■ Impedance - Frequency (Typical)

BLM18K Series

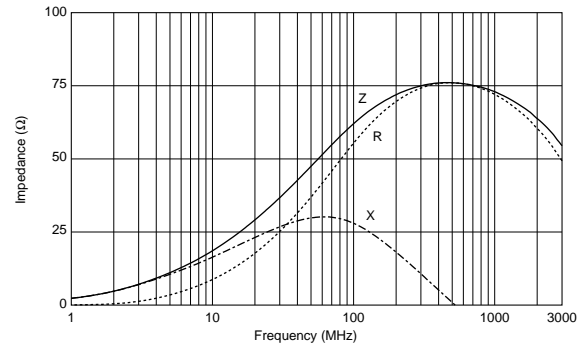


## ■ Impedance - Frequency Characteristics

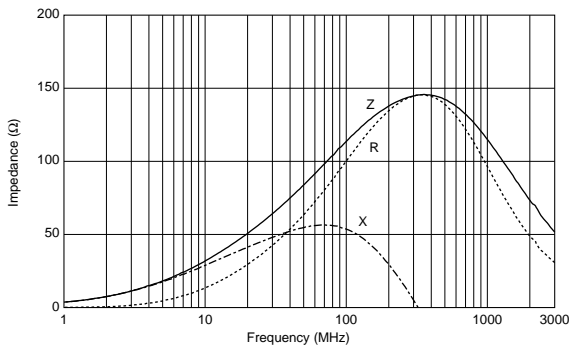
BLM18KG260TN1



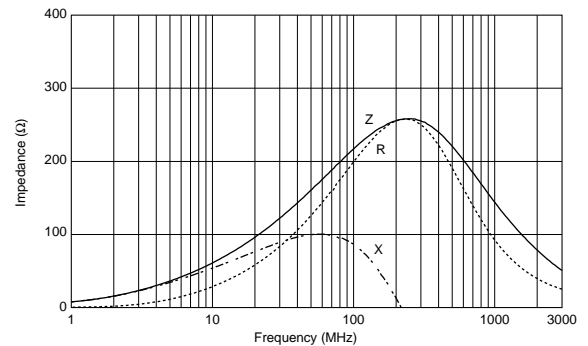
BLM18KG700TN1



BLM18KG121TN1



BLM18KG221SN1

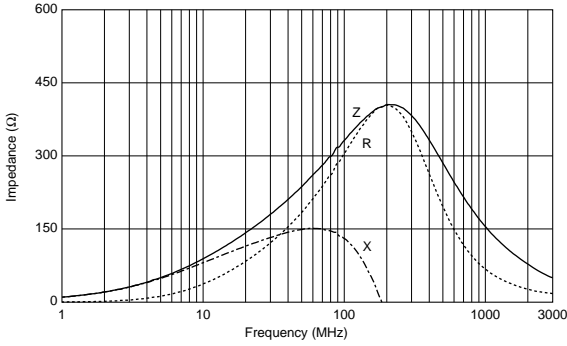


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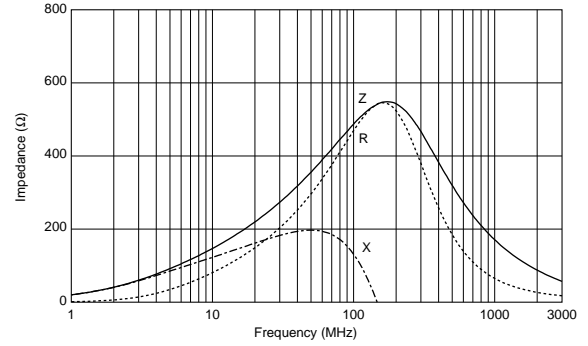
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## Impedance - Frequency Characteristics

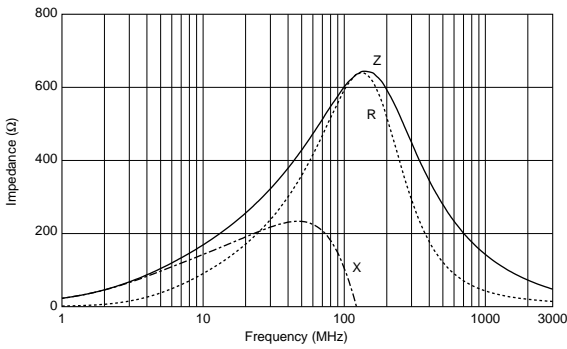
BLM18KG331SN1



BLM18KG471SN1



BLM18KG601SN1



## Notice (Rating)

In operating temperatures exceeding +85°C, derating of current is necessary for chip Ferrite Beads for which rated current is 1300mA or over. Please apply the derating curve shown in chart according to the operating temperature.

### Derating

