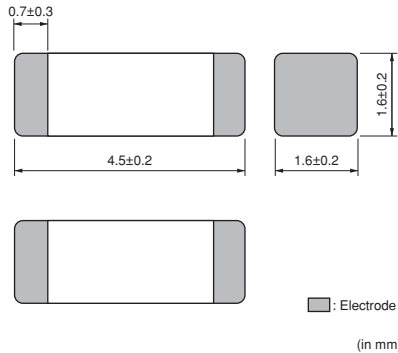


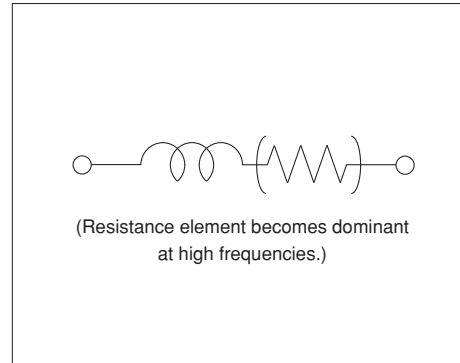
# EMIFIL® (Inductor type) Chip Ferrite Bead

## BLM41P Series (1806 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	2500
K	330mm Embossed Tape	8000
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
BLM41PG600SN1□	60ohm (Typ.)	-	6000mA	0.009ohm max.	-55 to +125°C
BLM41PG750SN1□	75ohm (Typ.)	-	3500mA	0.015ohm max.	-55 to +125°C
BLM41PG181SN1□	180ohm ±25%	-	3500mA	0.02ohm max.	-55 to +125°C
BLM41PG471SN1□	470ohm ±25%	-	2000mA	0.05ohm max.	-55 to +125°C
BLM41PG102SN1□	1000ohm ±25%	-	1500mA	0.09ohm 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:

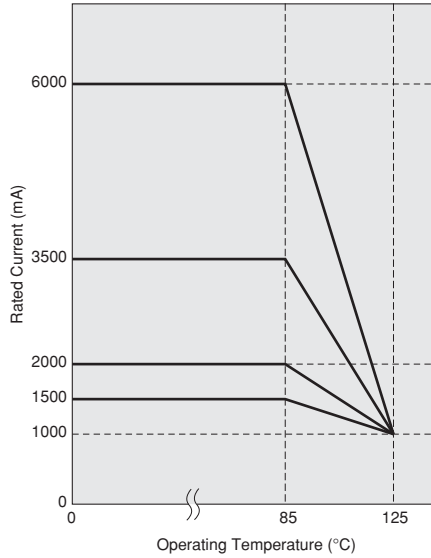
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- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

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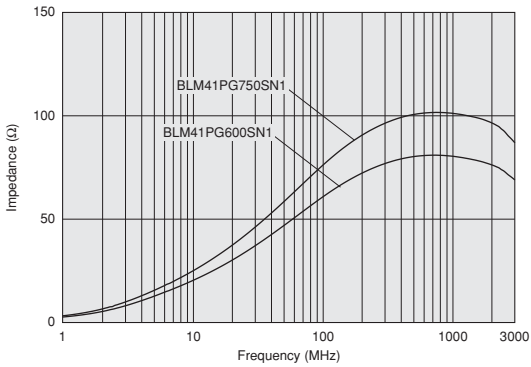
**Derating of Rated Current**

In operating temperature exceeding +85°C, derating of current is necessary for BLM41PG series. Please apply the derating curve shown in chart according to the operating temperature.

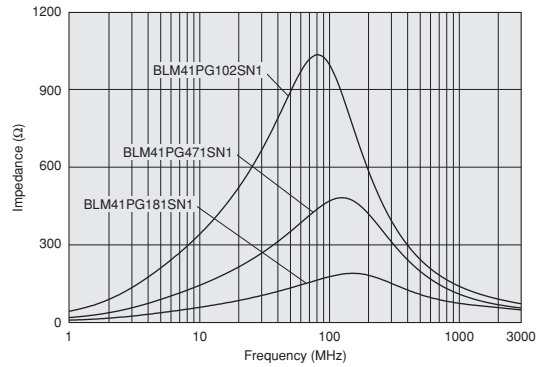
Derating of Rated Current



**Impedance-Frequency Characteristics (Main Items)**  
BLM41PG Series (60ohm to 75ohm)



**Impedance-Frequency Characteristics (Main Items)**  
BLM41PG Series (180ohm to 1000ohm)



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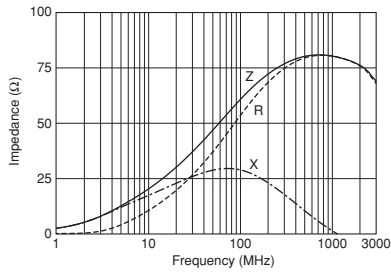
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**Note:**

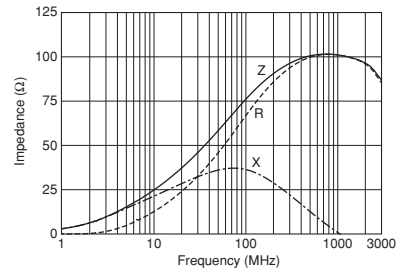
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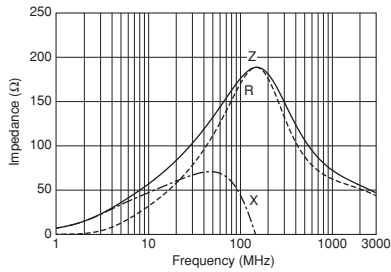
**Impedance-Frequency Characteristics**  
**BLM41PG600SN1**



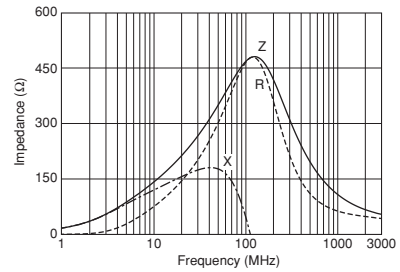
**Impedance-Frequency Characteristics**  
**BLM41PG750SN1**



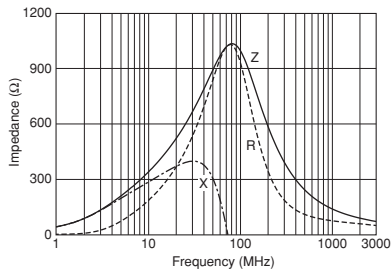
**Impedance-Frequency Characteristics**  
**BLM41PG181SN1**



**Impedance-Frequency Characteristics**  
**BLM41PG471SN1**



**Impedance-Frequency Characteristics**  
**BLM41PG102SN1**




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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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