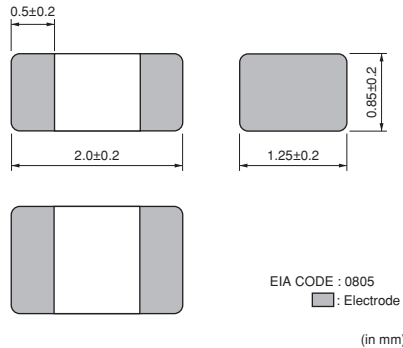


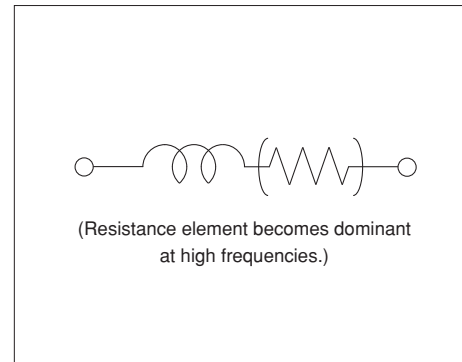
# For Automotive chip Ferrite Bead for Automotive

## BLM21A Series (0805 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

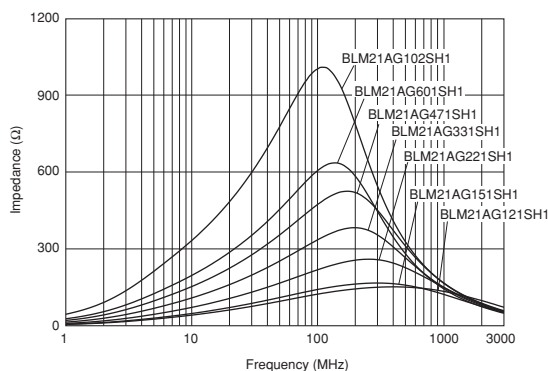
| Code | Packaging        | Minimum Quantity |
|------|------------------|------------------|
| D    | 180mm Paper Tape | 4000             |
| J    | 330mm Paper Tape | 10000            |
| B    | Bulk(Bag)        | 1000             |

### ■ Rated Value (□: packaging code)

| Part Number    | Impedance<br>(at 100MHz/20°C) | Impedance<br>(at 1GHz/20°C) | Rated Current | DC Resistance | Operating<br>Temperature Range |
|----------------|-------------------------------|-----------------------------|---------------|---------------|--------------------------------|
| BLM21AG121SH1□ | 120ohm ±25%                   | -                           | 800mA         | 0.1ohm max.   | -55 to +125°C                  |
| BLM21AG151SH1□ | 150ohm ±25%                   | -                           | 800mA         | 0.1ohm max.   | -55 to +125°C                  |
| BLM21AG221SH1□ | 220ohm ±25%                   | -                           | 800mA         | 0.13ohm max.  | -55 to +125°C                  |
| BLM21AG331SH1□ | 330ohm ±25%                   | -                           | 700mA         | 0.16ohm max.  | -55 to +125°C                  |
| BLM21AG471SH1□ | 470ohm ±25%                   | -                           | 700mA         | 0.19ohm max.  | -55 to +125°C                  |
| BLM21AG601SH1□ | 600ohm ±25%                   | -                           | 600mA         | 0.21ohm max.  | -55 to +125°C                  |
| BLM21AG102SH1□ | 1000ohm ±25%                  | -                           | 500mA         | 0.28ohm max.  | -55 to +125°C                  |

Number of Circuits: 1

### ■ Impedance-Frequency Characteristics (Main Items)



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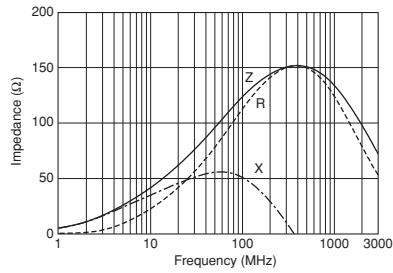
● This data sheet is applied for CHIP FERRITE BEAD used for Automotive Electronics equipment for your design.

### ⚠ Note:

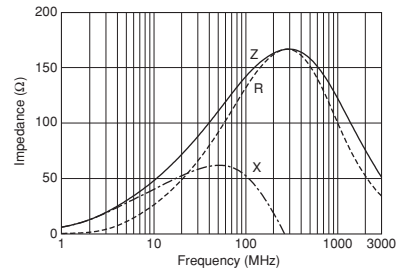
- This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- This datasheet has 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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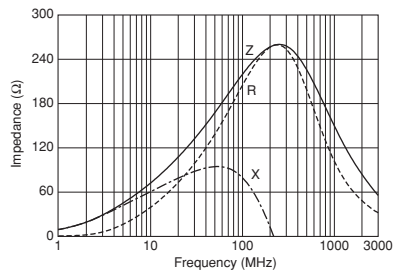
### Impedance-Frequency Characteristics BLM21AG121SH1



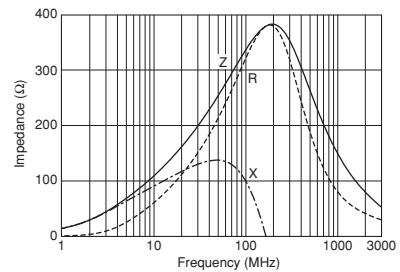
### Impedance-Frequency Characteristics BLM21AG151SH1



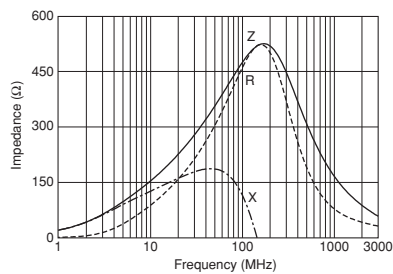
### Impedance-Frequency Characteristics BLM21AG221SH1



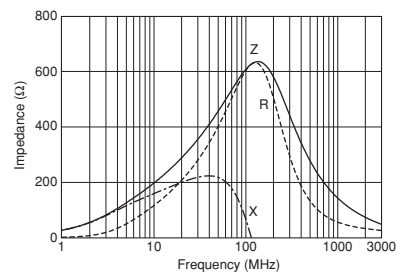
### Impedance-Frequency Characteristics BLM21AG331SH1



### Impedance-Frequency Characteristics BLM21AG471SH1



### Impedance-Frequency Characteristics BLM21AG601SH1



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

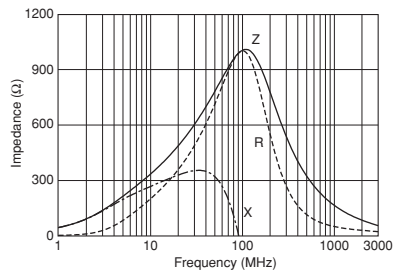
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Continued from the preceding page.

## Impedance-Frequency Characteristics

BLM21AG102SH1



## Caution/Notice

### Caution (Rating)

1. Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.
2. Be sure to provide an appropriate fail-safe function on your product to prevent a second damage that may be caused by the abnormal function or the failure our product.

### 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 Automotive Electronics equipment for your design.

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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