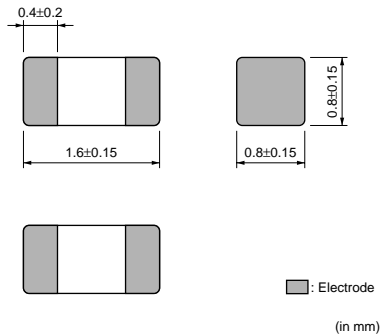


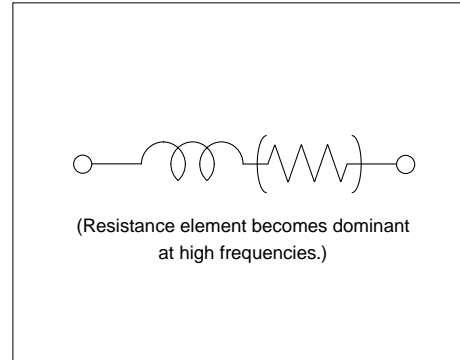
For Automotive Chip Ferrite Bead for Automotive

BLM18A Series (0603 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 (at 100MHz/20°C) | Impedance (at 1GHz/20°C) | Rated Current | DC Resistance(max.) | Operating Temperature Range |
|----------------|-------------------------------|-----------------------------|---------------|---------------------|--------------------------------|
| BLM18AG121SH1□ | 120ohm±25% | - | 500mA | 0.18ohm | -55°C to +125°C |
| BLM18AG151SH1□ | 150ohm±25% | - | 500mA | 0.25ohm | -55°C to +125°C |
| BLM18AG221SH1□ | 220ohm±25% | - | 500mA | 0.25ohm | -55°C to +125°C |
| BLM18AG331SH1□ | 330ohm±25% | - | 500mA | 0.30ohm | -55°C to +125°C |
| BLM18AG471SH1□ | 470ohm±25% | - | 500mA | 0.35ohm | -55°C to +125°C |
| BLM18AG601SH1□ | 600ohm±25% | - | 500mA | 0.38ohm | -55°C to +125°C |
| BLM18AG102SH1□ | 1000ohm±25% | - | 400mA | 0.50ohm | -55°C to +125°C |

Number of Circuits: 1

Continued on the following page.

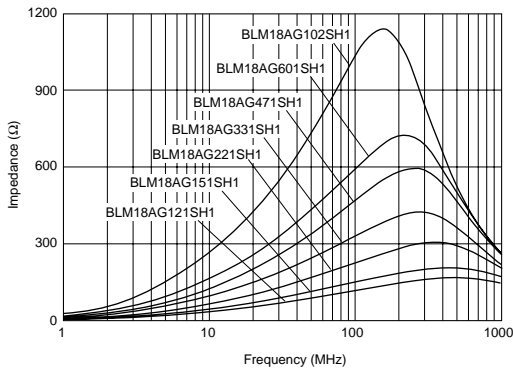
● This data sheet is applied for CHIP FERRITE BEAD used for Automotive Electronics equipment for your design.

⚠ Note:

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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.

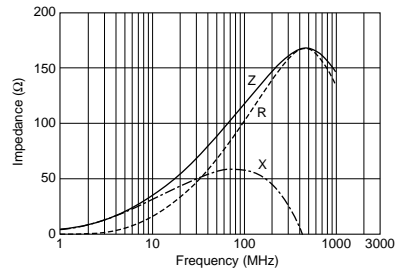
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■ Impedance-Frequency Characteristics (Main Items)



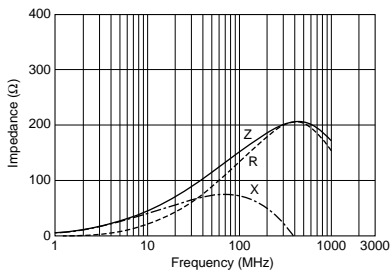
■ Impedance-Frequency Characteristics

BLM18AG121SH1



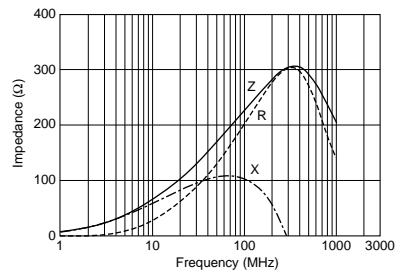
■ Impedance-Frequency Characteristics

BLM18AG151SH1



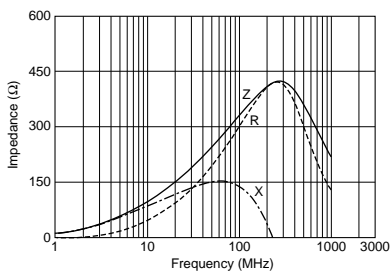
■ Impedance-Frequency Characteristics

BLM18AG221SH1



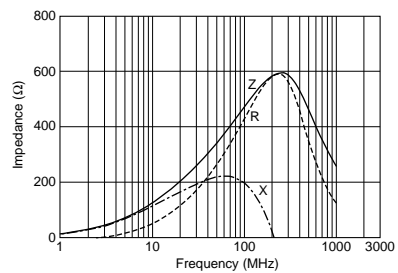
■ Impedance-Frequency Characteristics

BLM18AG331SH1



■ Impedance-Frequency Characteristics

BLM18AG471SH1



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

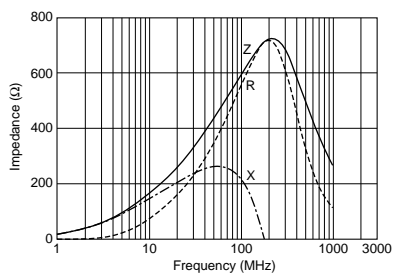
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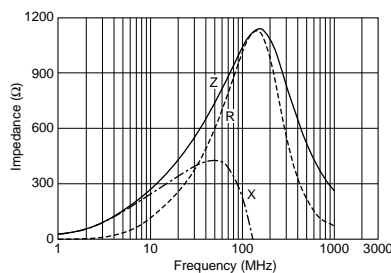
■ Impedance-Frequency Characteristics

BLM18AG601SH1



■ Impedance-Frequency Characteristics

BLM18AG102SH1



■ ⚠ 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.

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