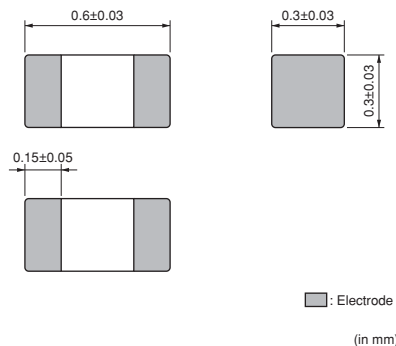


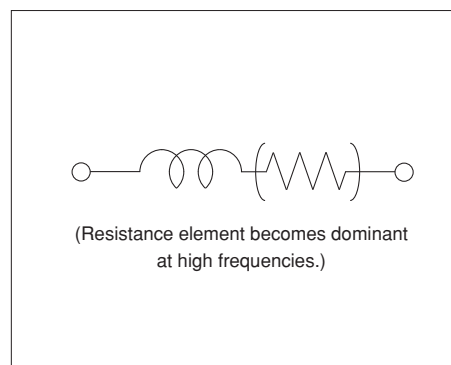
# EMIFIL® (Inductor type) Chip Ferrite Bead

## BLM03B 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
BLM03BD750SN1□	75ohm ±25%	-	300mA	0.4ohm max.	-55 to +125°C
BLM03BD121SN1□	120ohm ±25%	-	250mA	0.5ohm max.	-55 to +125°C
BLM03BD241SN1□	240ohm ±25%	-	200mA	0.8ohm max.	-55 to +125°C
BLM03BD471SN1□	470ohm ±25%	-	215mA	1.5ohm max.	-55 to +125°C
BLM03BD601SN1□	600ohm ±25%	-	200mA	1.7ohm max.	-55 to +125°C
BLM03BB100SN1□	10ohm ±25%	-	300mA	0.4ohm max.	-55 to +125°C
BLM03BB220SN1□	22ohm ±25%	-	200mA	0.5ohm max.	-55 to +125°C
BLM03BB470SN1□	47ohm ±25%	-	200mA	0.7ohm max.	-55 to +125°C
BLM03BB750SN1□	75ohm ±25%	-	200mA	1.0ohm max.	-55 to +125°C
BLM03BB121SN1□	120ohm ±25%	-	100mA	1.5ohm max.	-55 to +125°C
BLM03BC330SN1□	33ohm ±25%	-	150mA	0.85ohm max.	-55 to +125°C
BLM03BC560SN1□	56ohm ±25%	-	100mA	1.05ohm max.	-55 to +125°C
BLM03BC800SN1□	80ohm ±25%	-	100mA	1.40ohm 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.

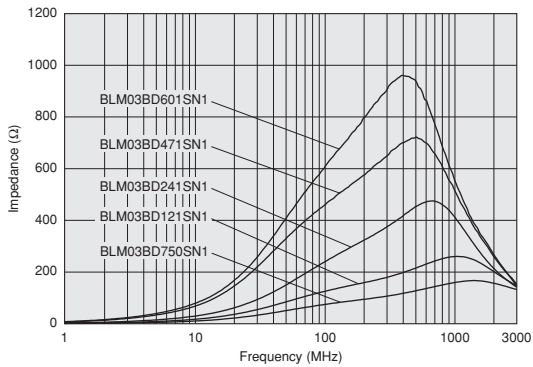
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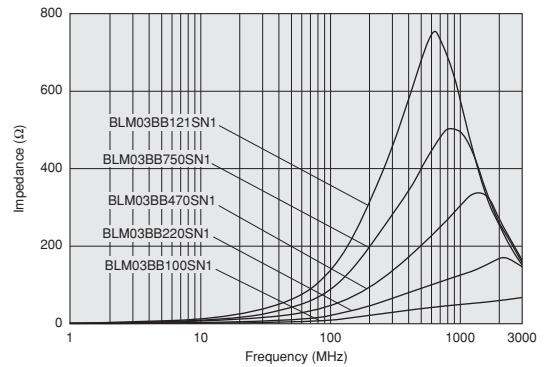
**Impedance-Frequency Characteristics (Main Items)**

**BLM03BD Series**



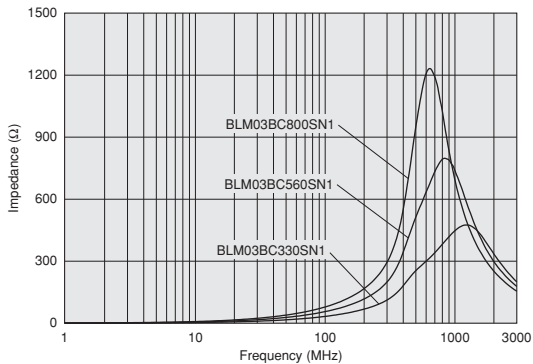
**Impedance-Frequency Characteristics (Main Items)**

**BLM03BB Series**



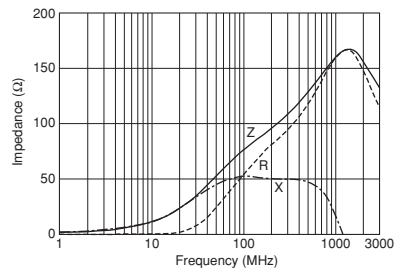
**Impedance-Frequency Characteristics (Main Items)**

**BLM03BC Series**



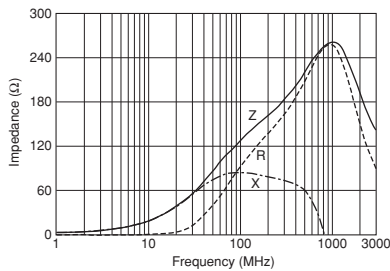
**Impedance-Frequency Characteristics**

**BLM03BD750SN1**



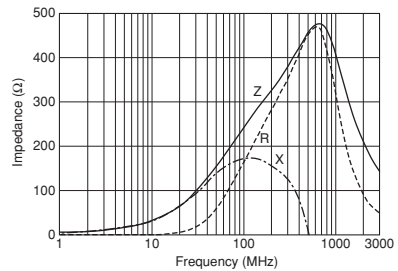
**Impedance-Frequency Characteristics**

**BLM03BD121SN1**



**Impedance-Frequency Characteristics**

**BLM03BD241SN1**



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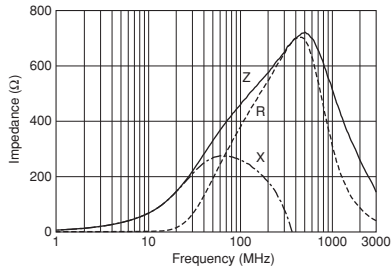
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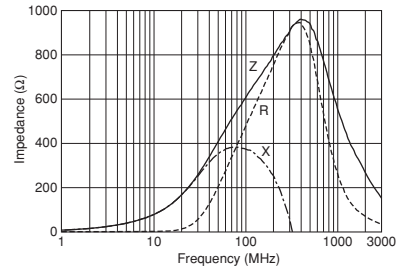
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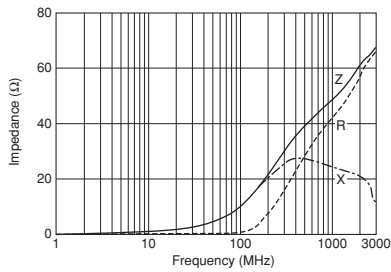
**Impedance-Frequency Characteristics**  
**BLM03BD471SN1**



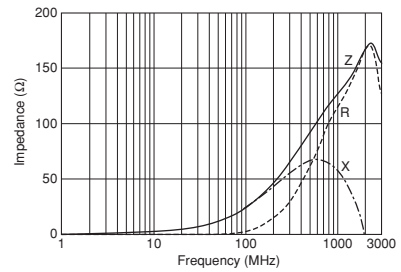
**Impedance-Frequency Characteristics**  
**BLM03BD601SN1**



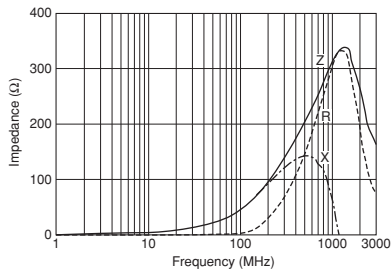
**Impedance-Frequency Characteristics**  
**BLM03BB100SN1**



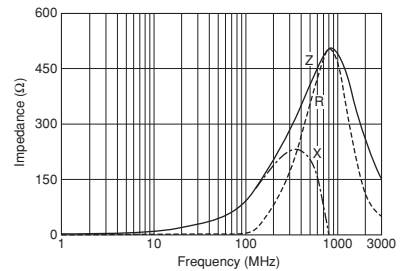
**Impedance-Frequency Characteristics**  
**BLM03BB220SN1**



**Impedance-Frequency Characteristics**  
**BLM03BB470SN1**



**Impedance-Frequency Characteristics**  
**BLM03BB750SN1**



Continued on the following page.

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

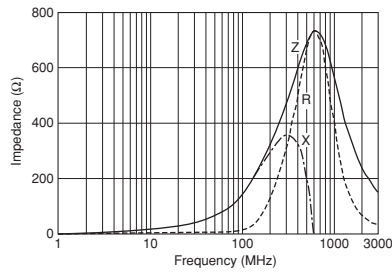
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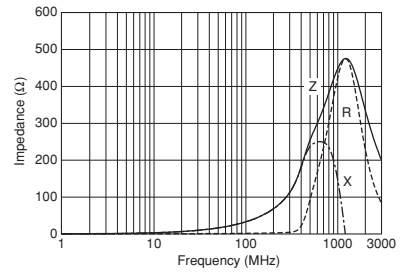
### Impedance-Frequency Characteristics

BLM03BB121SN1



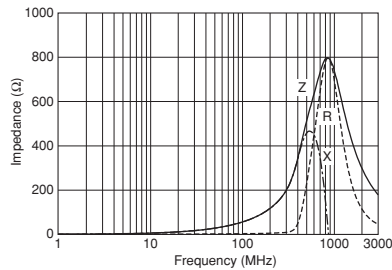
### Impedance-Frequency Characteristics

BLM03BC330SN1



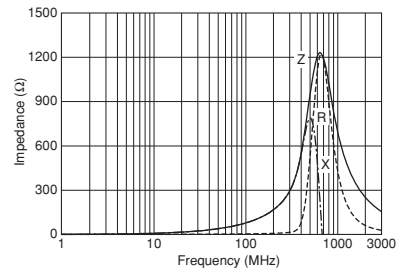
### Impedance-Frequency Characteristics

BLM03BC560SN1



### Impedance-Frequency Characteristics

BLM03BC800SN1



### 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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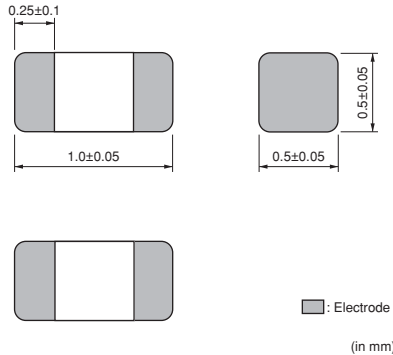
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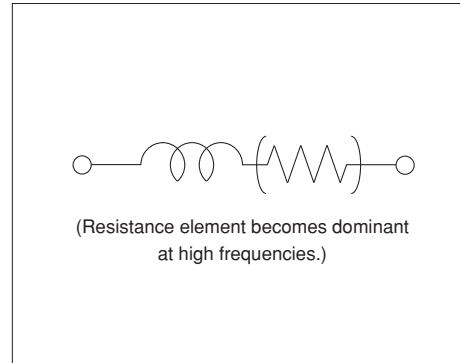
# EMIFIL® (Inductor type) Chip Ferrite Bead

## BLM15B Series (0402 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
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
BLM15BD750SN1□	75ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BD121SN1□	120ohm ±25%	-	300mA	0.30ohm max.	-55 to +125°C
BLM15BD221SN1□	220ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BD471SN1□	470ohm ±25%	-	200mA	0.60ohm max.	-55 to +125°C
BLM15BD601SN1□	600ohm ±25%	-	200mA	0.65ohm max.	-55 to +125°C
BLM15BD102SN1□	1000ohm ±25%	-	200mA	0.90ohm max.	-55 to +125°C
BLM15BD182SN1□	1800ohm ±25%	-	100mA	1.40ohm max.	-55 to +125°C
BLM15BB050SN1□	5ohm ±25%	-	500mA	0.08ohm max.	-55 to +125°C
BLM15BB100SN1□	10ohm ±25%	-	300mA	0.10ohm max.	-55 to +125°C
BLM15BB220SN1□	22ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BB470SN1□	47ohm ±25%	-	300mA	0.35ohm max.	-55 to +125°C
BLM15BB750SN1□	75ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BB121SN1□	120ohm ±25%	-	300mA	0.55ohm max.	-55 to +125°C
BLM15BB221SN1□	220ohm ±25%	-	200mA	0.80ohm max.	-55 to +125°C
BLM15BC121SN1□	120ohm ±25%	-	350mA	0.45ohm max.	-55 to +125°C
BLM15BC241SN1□	240ohm ±25%	-	250mA	0.70ohm max.	-55 to +125°C
BLM15BA050SN1□	5ohm ±25%	-	300mA	0.10ohm max.	-55 to +125°C
BLM15BA100SN1□	10ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BA220SN1□	22ohm ±25%	-	300mA	0.30ohm max.	-55 to +125°C
BLM15BA330SN1□	33ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BA470SN1□	47ohm ±25%	-	200mA	0.60ohm 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:

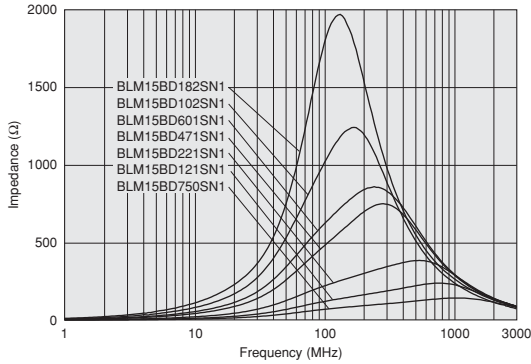
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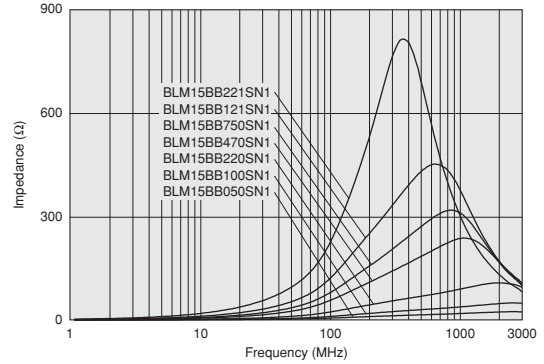
Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM15BA750SN1□	75ohm ±25%	-	200mA	0.80ohm max.	-55 to +125°C

Number of Circuits: 1

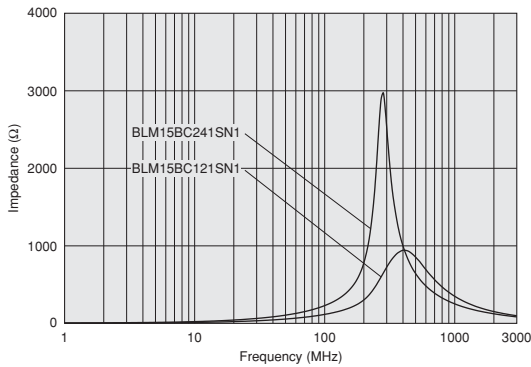
**Impedance-Frequency Characteristics (Main Items)**  
BLM15BD Series



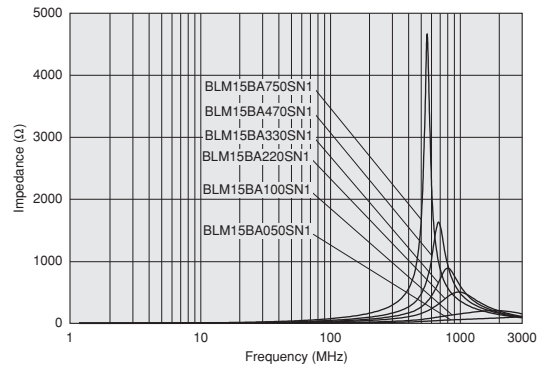
**Impedance-Frequency Characteristics (Main Items)**  
BLM15BB Series



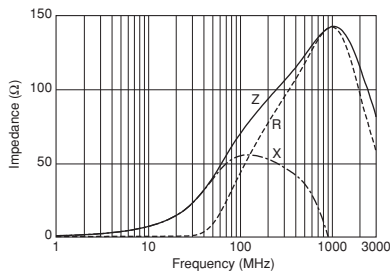
**Impedance-Frequency Characteristics (Main Items)**  
BLM15BC Series



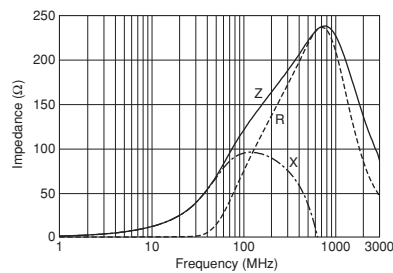
**Impedance-Frequency Characteristics (Main Items)**  
BLM15BA Series



**Impedance-Frequency Characteristics**  
BLM15BD750SN1



**Impedance-Frequency Characteristics**  
BLM15BD121SN1



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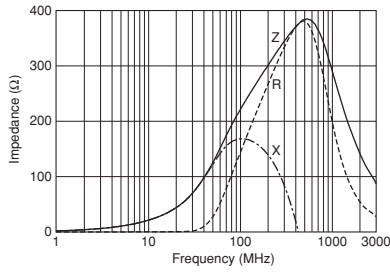
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

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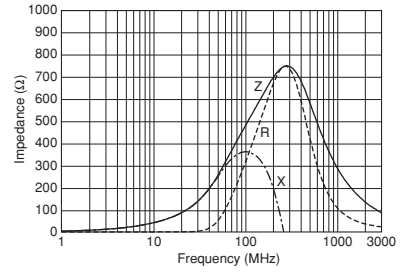
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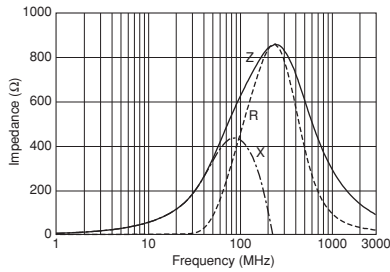
**Impedance-Frequency Characteristics**  
**BLM15BD221SN1**



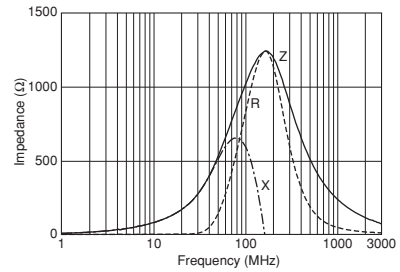
**Impedance-Frequency Characteristics**  
**BLM15BD471SN1**



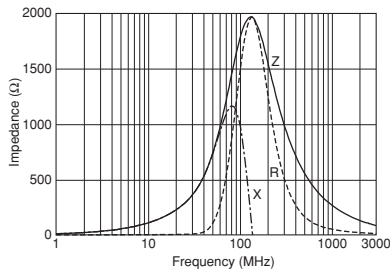
**Impedance-Frequency Characteristics**  
**BLM15BD601SN1**



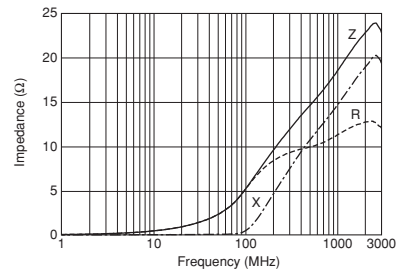
**Impedance-Frequency Characteristics**  
**BLM15BD102SN1**



**Impedance-Frequency Characteristics**  
**BLM15BD182SN1**



**Impedance-Frequency Characteristics**  
**BLM15BB050SN1**



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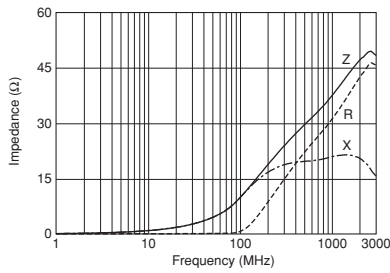
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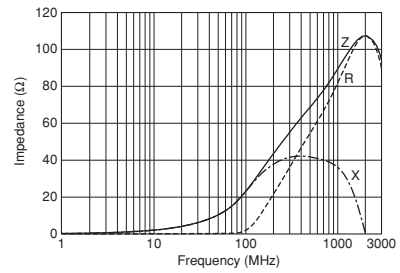
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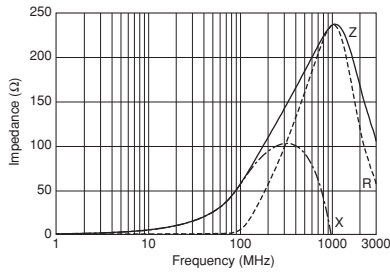
**Impedance-Frequency Characteristics**  
**BLM15BB100SN1**



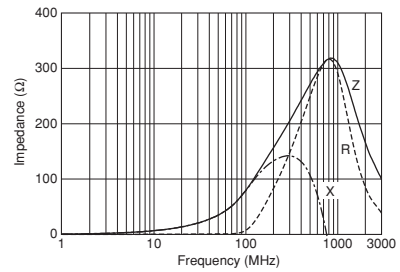
**Impedance-Frequency Characteristics**  
**BLM15BB220SN1**



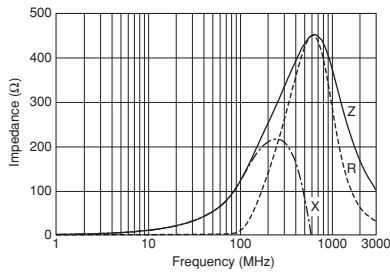
**Impedance-Frequency Characteristics**  
**BLM15BB470SN1**



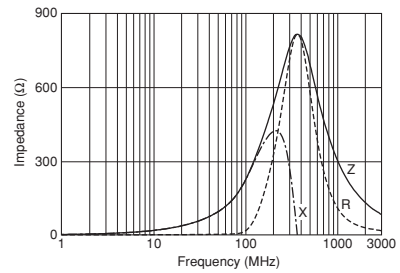
**Impedance-Frequency Characteristics**  
**BLM15BB750SN1**



**Impedance-Frequency Characteristics**  
**BLM15BB121SN1**



**Impedance-Frequency Characteristics**  
**BLM15BB221SN1**



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

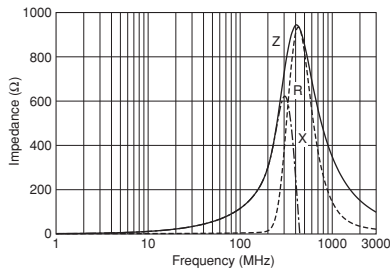
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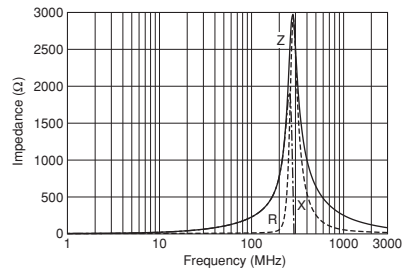


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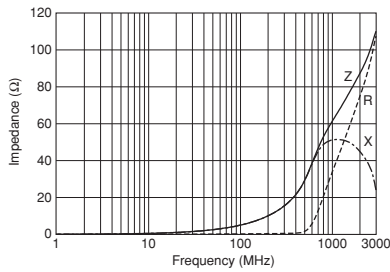
**Impedance-Frequency Characteristics**  
**BLM15BC121SN1**



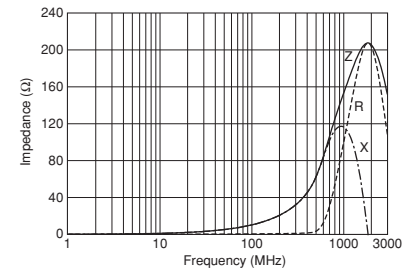
**Impedance-Frequency Characteristics**  
**BLM15BC241SN1**



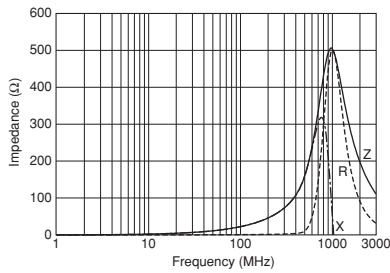
**Impedance-Frequency Characteristics**  
**BLM15BA050SN1**



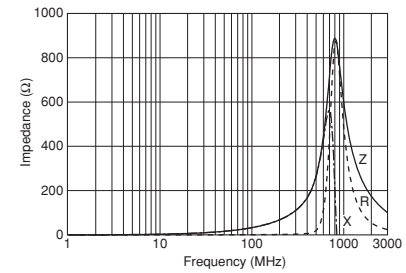
**Impedance-Frequency Characteristics**  
**BLM15BA100SN1**



**Impedance-Frequency Characteristics**  
**BLM15BA220SN1**



**Impedance-Frequency Characteristics**  
**BLM15BA330SN1**



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

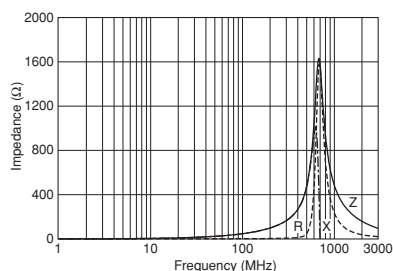
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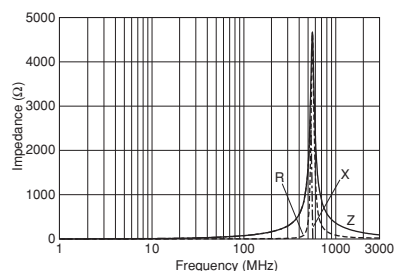
### Impedance-Frequency Characteristics

BLM15BA470SN1



### Impedance-Frequency Characteristics

BLM15BA750SN1



### 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.

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

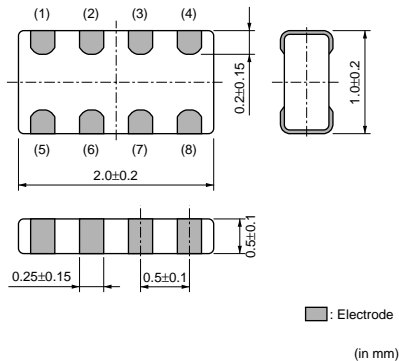
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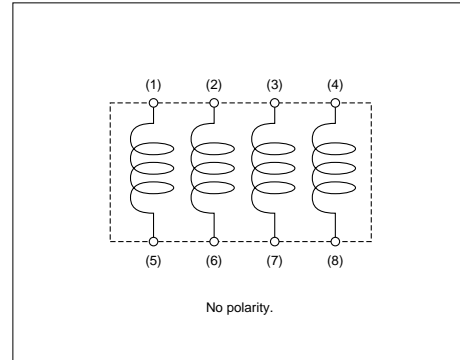
# EMIFIL® (Inductor type) Chip Ferrite Bead (Array)

## BLA2AA/BLA2AB Series (0804 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
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
BLA2AAG121SN4□	120ohm ±25%	-	100mA	0.50ohm max.	-55 to +125°C
BLA2AAG221SN4□	220ohm ±25%	-	50mA	0.70ohm max.	-55 to +125°C
BLA2AAG601SN4□	600ohm ±25%	-	50mA	1.10ohm max.	-55 to +125°C
BLA2AAG102SN4□	1000ohm ±25%	-	50mA	1.30ohm max.	-55 to +125°C
BLA2ABD750SN4□	75ohm ±25%	-	200mA	0.20ohm max.	-55 to +125°C
BLA2ABD121SN4□	120ohm ±25%	-	200mA	0.35ohm max.	-55 to +125°C
BLA2ABD221SN4□	220ohm ±25%	-	100mA	0.40ohm max.	-55 to +125°C
BLA2ABD471SN4□	470ohm ±25%	-	100mA	0.65ohm max.	-55 to +125°C
BLA2ABD601SN4□	600ohm ±25%	-	100mA	0.80ohm max.	-55 to +125°C
BLA2ABD102SN4□	1000ohm ±25%	-	50mA	1.00ohm max.	-55 to +125°C
BLA2ABB100SN4□	10ohm ±25%	-	200mA	0.1ohm max.	-55 to +125°C
BLA2ABB220SN4□	22ohm ±25%	-	200mA	0.2ohm max.	-55 to +125°C
BLA2ABB470SN4□	47ohm ±25%	-	200mA	0.35ohm max.	-55 to +125°C
BLA2ABB121SN4□	120ohm ±25%	-	50mA	0.60ohm max.	-55 to +125°C
BLA2ABB221SN4□	220ohm ±25%	-	50mA	0.90ohm max.	-55 to +125°C

Number of Circuits: 4

Continued on the following page.

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

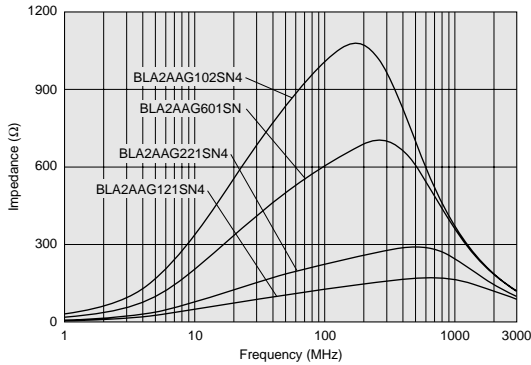
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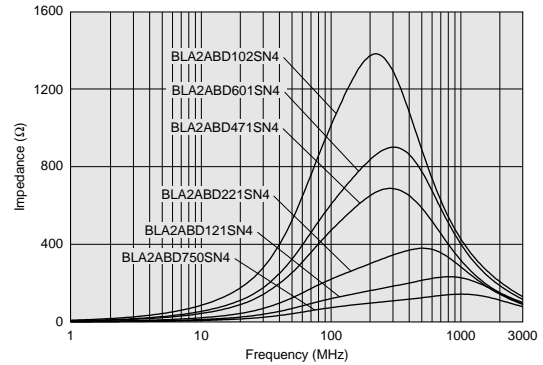
■ Impedance-Frequency Characteristics (Main Items)

**BLA2AAG Series**



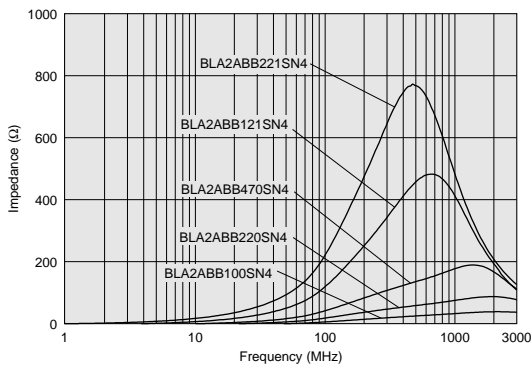
■ Impedance-Frequency Characteristics (Main Items)

**BLA2ABD Series**



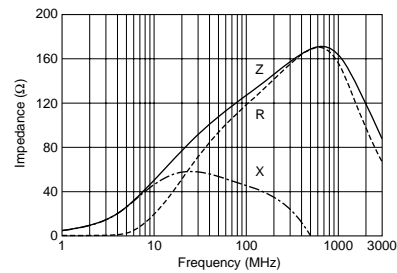
■ Impedance-Frequency Characteristics (Main Items)

**BLA2ABB Series**



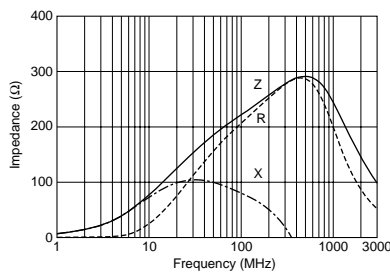
■ Impedance-Frequency Characteristics

**BLA2AAG121SN4**



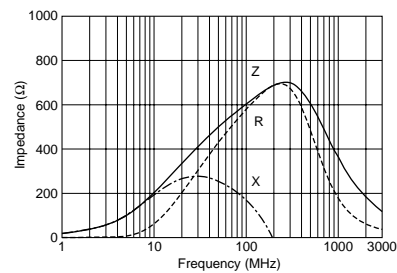
■ Impedance-Frequency Characteristics

**BLA2AAG221SN4**



■ Impedance-Frequency Characteristics

**BLA2AAG601SN4**



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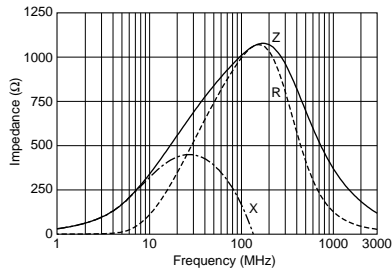
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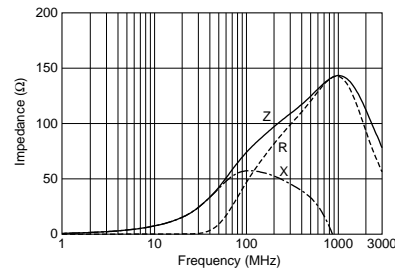
■ Impedance-Frequency Characteristics

**BLA2AAG102SN4**



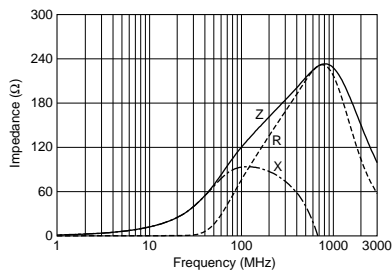
■ Impedance-Frequency Characteristics

**BLA2ABD750SN4**



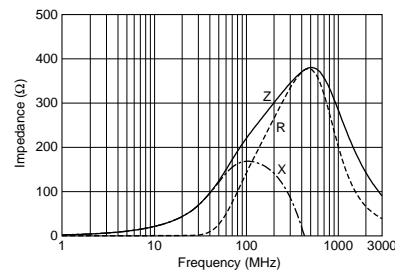
■ Impedance-Frequency Characteristics

**BLA2ABD121SN4**



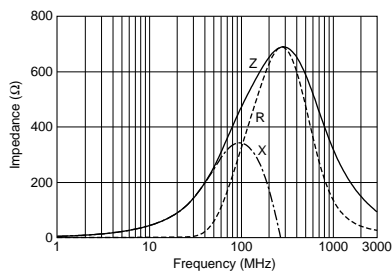
■ Impedance-Frequency Characteristics

**BLA2ABD221SN4**



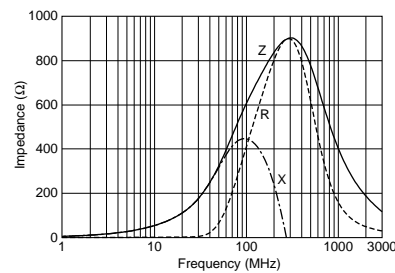
■ Impedance-Frequency Characteristics

**BLA2ABD471SN4**



■ Impedance-Frequency Characteristics

**BLA2ABD601SN4**



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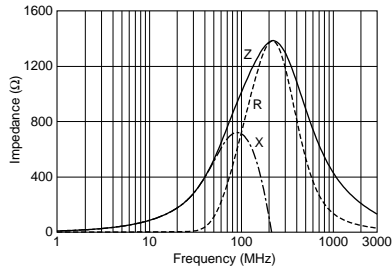
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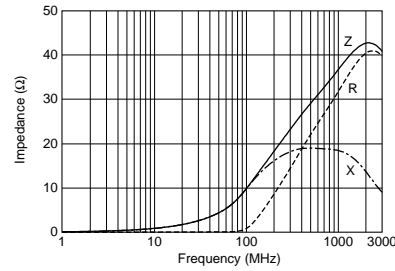
■ Impedance-Frequency Characteristics

**BLA2ABD102SN4**



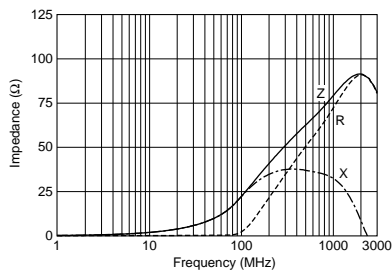
■ Impedance-Frequency Characteristics

**BLA2ABB100SN4**



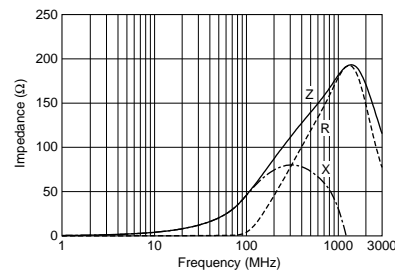
■ Impedance-Frequency Characteristics

**BLA2ABB220SN4**



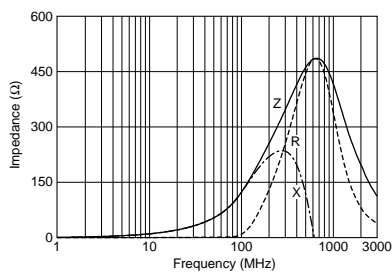
■ Impedance-Frequency Characteristics

**BLA2ABB470SN4**



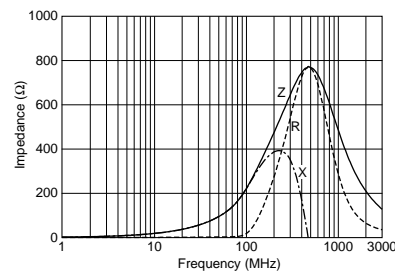
■ Impedance-Frequency Characteristics

**BLA2ABB121SN4**



■ Impedance-Frequency Characteristics

**BLA2ABB221SN4**




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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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