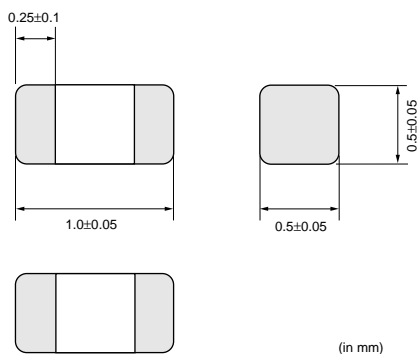


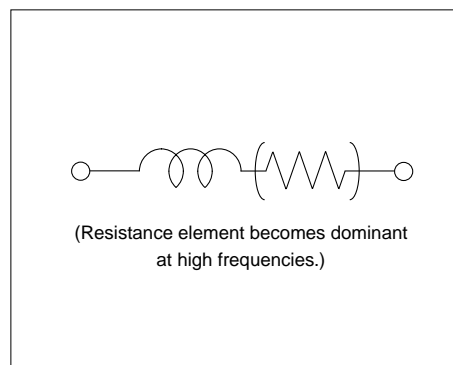
# Chip EMIFIL® Inductor Type Chip Ferrite Beads

## BLM15B Series (0402 Size)

### ■ Dimension



### ■ 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(max.)	Operating Temperature Range
BLM15BA050SN1□	5ohm±25%	-	300mA	0.10ohm	-55°C to +125°C
BLM15BB050SN1□	5ohm±25%	-	500mA	0.08ohm	-55°C to +125°C
BLM15BA100SN1□	10ohm±25%	-	300mA	0.20ohm	-55°C to +125°C
BLM15BB100SN1□	10ohm±25%	-	300mA	0.10ohm	-55°C to +125°C
BLM15BA220SN1□	22ohm±25%	-	300mA	0.30ohm	-55°C to +125°C
BLM15BB220SN1□	22ohm±25%	-	300mA	0.20ohm	-55°C to +125°C
BLM15BA330SN1□	33ohm±25%	-	300mA	0.40ohm	-55°C to +125°C
BLM15BA470SN1□	47ohm±25%	-	200mA	0.60ohm	-55°C to +125°C
BLM15BB470SN1□	47ohm±25%	-	300mA	0.35ohm	-55°C to +125°C
BLM15BA750SN1□	75ohm±25%	-	200mA	0.80ohm	-55°C to +125°C
BLM15BB750SN1□	75ohm±25%	-	300mA	0.40ohm	-55°C to +125°C
BLM15BD750SN1□	75ohm±25%	-	300mA	0.20ohm	-55°C to +125°C
BLM15BB121SN1□	120ohm±25%	-	300mA	0.55ohm	-55°C to +125°C
BLM15BD121SN1□	120ohm±25%	-	300mA	0.30ohm	-55°C to +125°C
BLM15BB221SN1□	220ohm±25%	-	200mA	0.80ohm	-55°C to +125°C
BLM15BD221SN1□	220ohm±25%	-	300mA	0.40ohm	-55°C to +125°C
BLM15BD471SN1□	470ohm±25%	-	200mA	0.60ohm	-55°C to +125°C
BLM15BD601SN1□	600ohm±25%	-	200mA	0.65ohm	-55°C to +125°C

Number of Circuits: 1

Continued on the following page.

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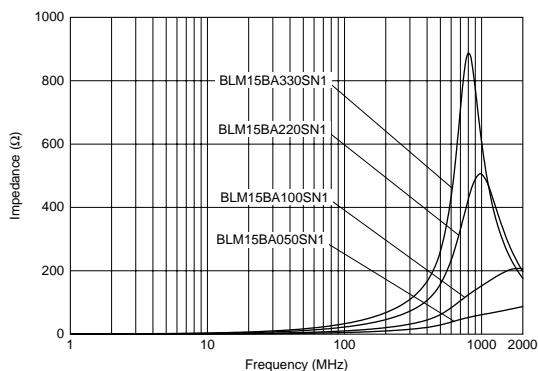
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Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range
<b>BLM15BD102SN1</b> □	1000ohm±25%	-	200mA	0.90ohm	-55°C to +125°C
<b>BLM15BD182SN1</b> □	1800ohm±25%	-	100mA	1.40ohm	-55°C to +125°C

Number of Circuits: 1

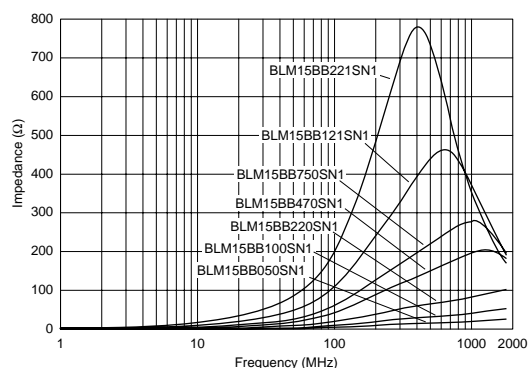
### ■ Impedance-Frequency Characteristics (Main)

**BLM15BA Series**



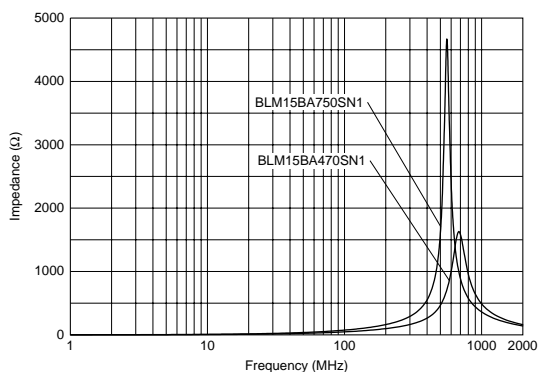
### ■ Impedance-Frequency Characteristics (Main)

**BLM15BB Series**



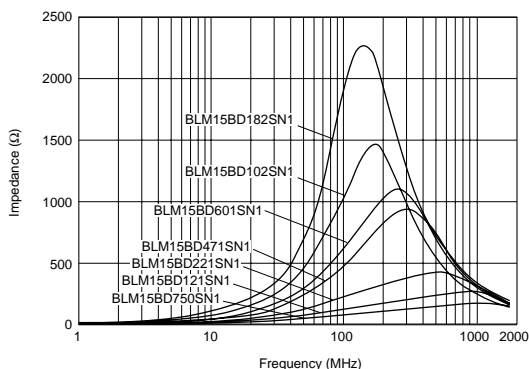
### ■ Impedance-Frequency Characteristics (Main)

**BLM15BA Series**



### ■ Impedance-Frequency Characteristics (Main)

**BLM15BD Series**



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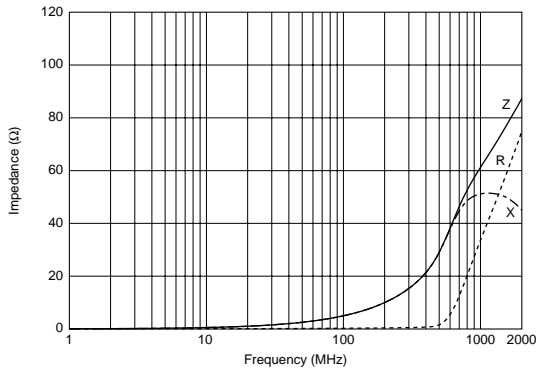
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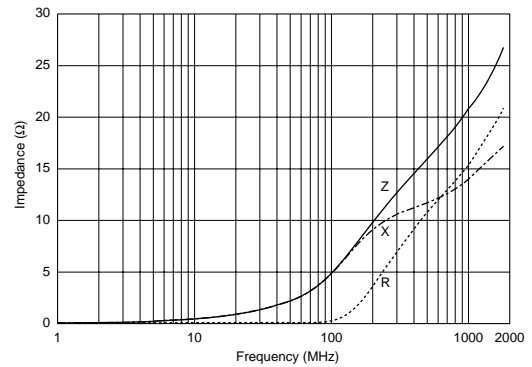
### ■ Impedance-Frequency Characteristics

**BLM15BA050SN1**



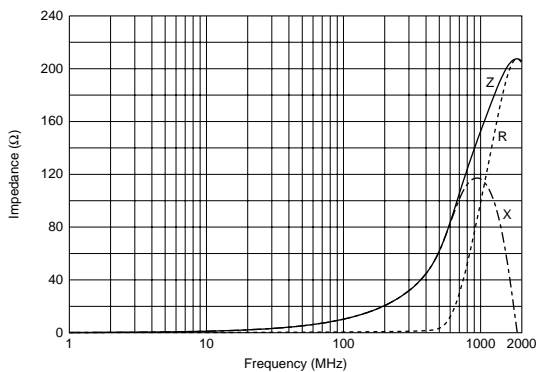
### ■ Impedance-Frequency Characteristics

**BLM15BB050SN1**



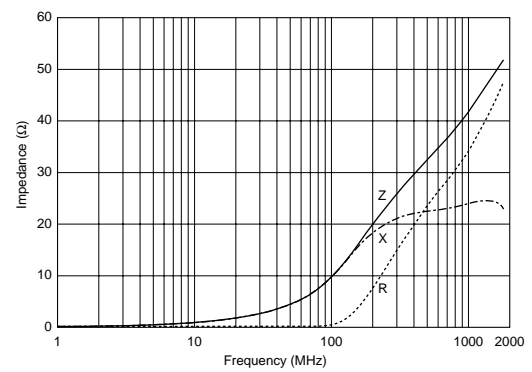
### ■ Impedance-Frequency Characteristics

**BLM15BA100SN1**



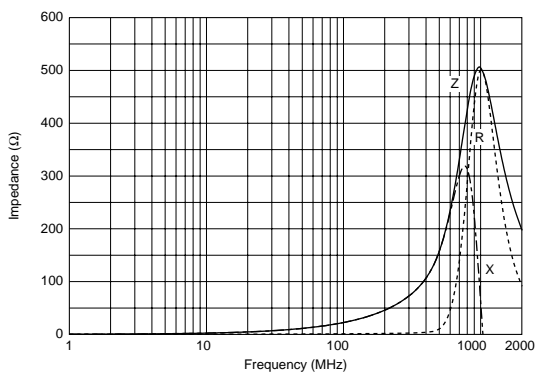
### ■ Impedance-Frequency Characteristics

**BLM15BB100SN1**



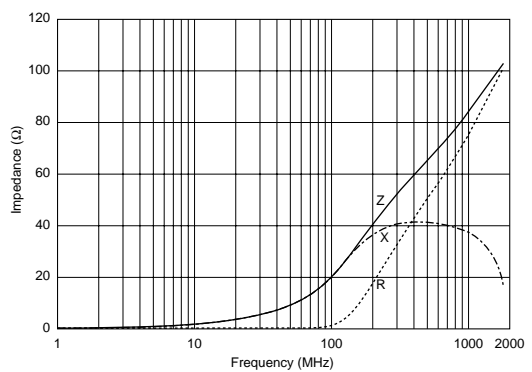
### ■ Impedance-Frequency Characteristics

**BLM15BA220SN1**



### ■ Impedance-Frequency Characteristics

**BLM15BB220SN1**



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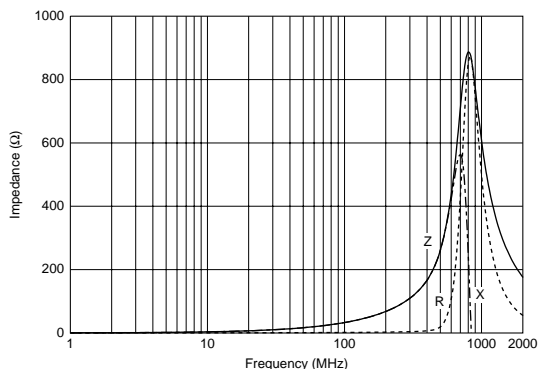
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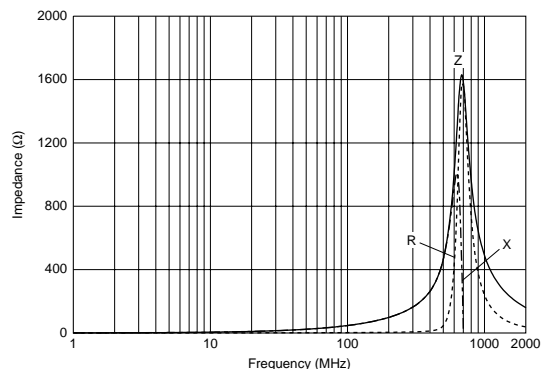
### ■ Impedance-Frequency Characteristics

**BLM15BA330SN1**



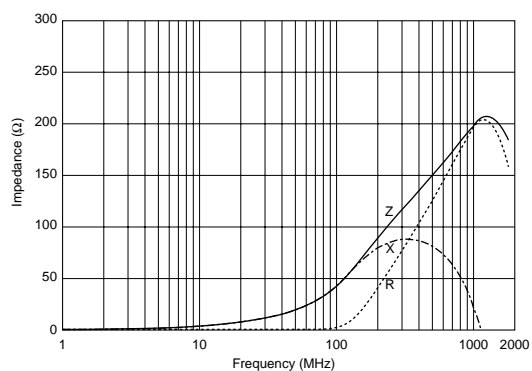
### ■ Impedance-Frequency Characteristics

**BLM15BA470SN1**



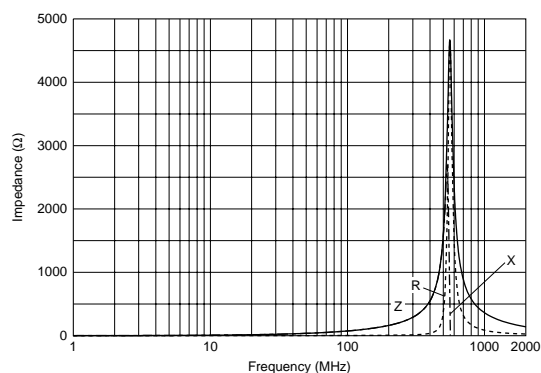
### ■ Impedance-Frequency Characteristics

**BLM15BB470SN1**



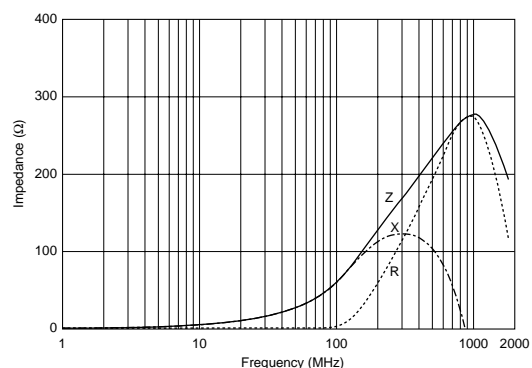
### ■ Impedance-Frequency Characteristics

**BLM15BA750SN1**



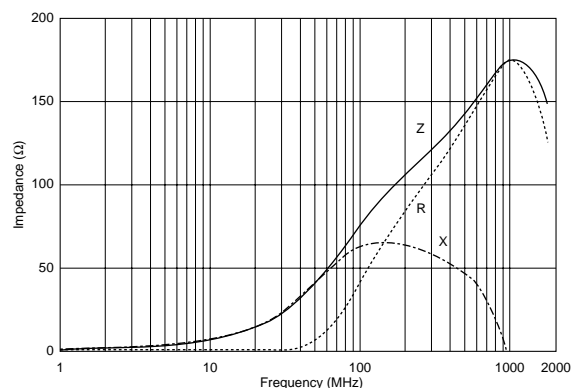
### ■ Impedance-Frequency Characteristics

**BLM15BB750SN1**



### ■ Impedance-Frequency Characteristics

**BLM15BD750SN1**



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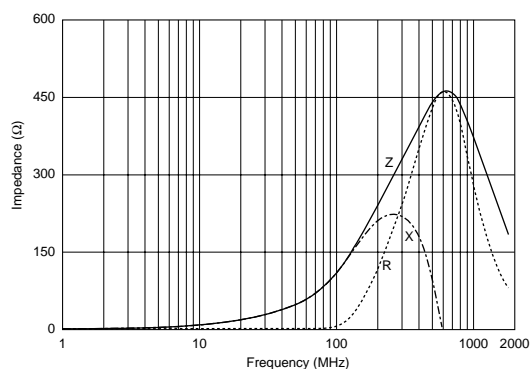
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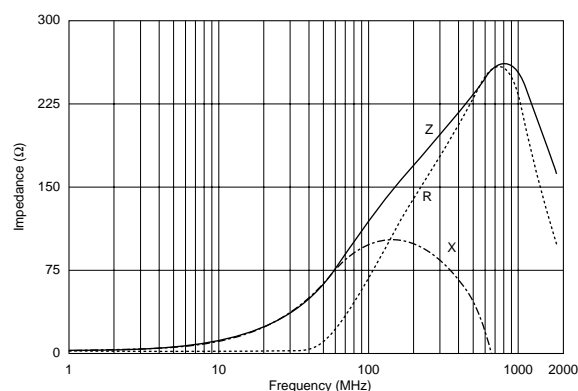
### ■ Impedance-Frequency Characteristics

**BLM15BB121SN1**



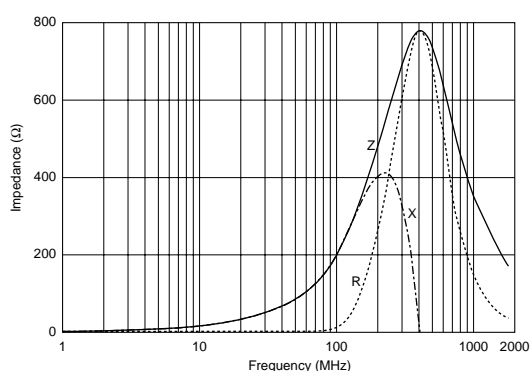
### ■ Impedance-Frequency Characteristics

**BLM15BD121SN1**



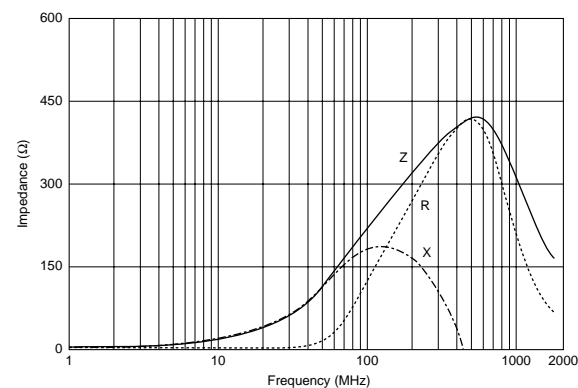
### ■ Impedance-Frequency Characteristics

**BLM15BB221SN1**



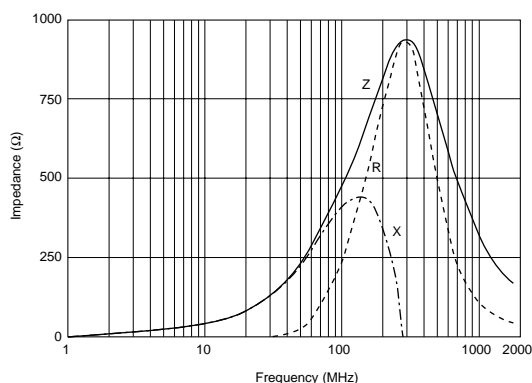
### ■ Impedance-Frequency Characteristics

**BLM15BD221SN1**



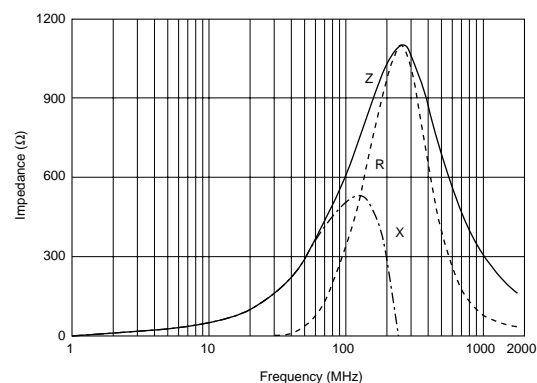
### ■ Impedance-Frequency Characteristics

**BLM15BD471SN1**



### ■ Impedance-Frequency Characteristics

**BLM15BD601SN1**



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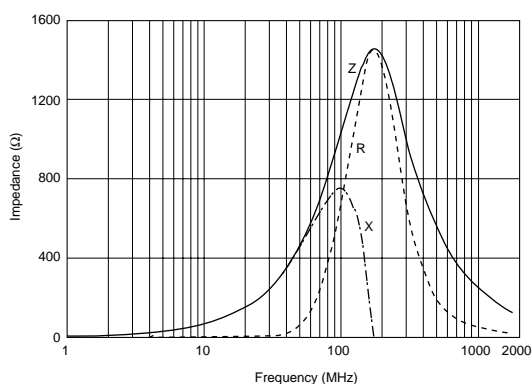
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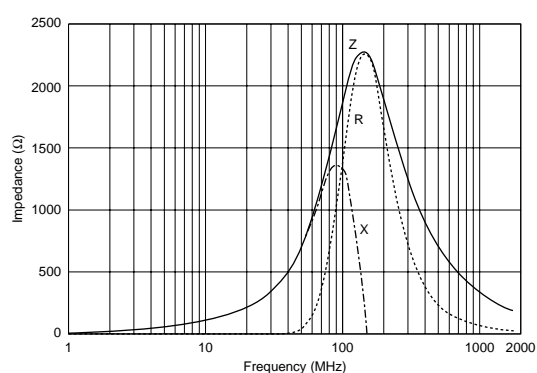
## ■ Impedance-Frequency Characteristics

**BLM15BD102SN1**



## ■ Impedance-Frequency Characteristics

**BLM15BD182SN1**



## ■ ⚠ Caution/Notice

### ⚠ Caution (Rating)

Do not use products beyond the rated current and rated voltage 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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