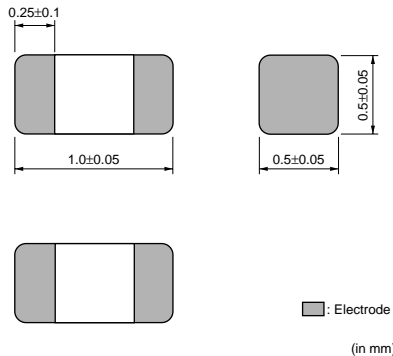


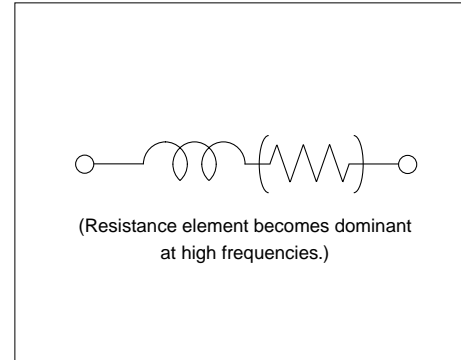
# EMIFIL® (Inductor type) Chip Ferrite Bead

## 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(max.)	Operating Temperature Range
BLM15BD750SN1□	75ohm±25%	-	300mA	0.20ohm	-55°C to +125°C
BLM15BD121SN1□	120ohm±25%	-	300mA	0.30ohm	-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
BLM15BD102SN1□	1000ohm±25%	-	200mA	0.90ohm	-55°C to +125°C
BLM15BD182SN1□	1800ohm±25%	-	100mA	1.40ohm	-55°C to +125°C
BLM15BB050SN1□	5ohm±25%	-	500mA	0.08ohm	-55°C to +125°C
BLM15BB100SN1□	10ohm±25%	-	300mA	0.10ohm	-55°C to +125°C
BLM15BB220SN1□	22ohm±25%	-	300mA	0.20ohm	-55°C to +125°C
BLM15BB470SN1□	47ohm±25%	-	300mA	0.35ohm	-55°C to +125°C
BLM15BB750SN1□	75ohm±25%	-	300mA	0.40ohm	-55°C to +125°C
BLM15BB121SN1□	120ohm±25%	-	300mA	0.55ohm	-55°C to +125°C
BLM15BB221SN1□	220ohm±25%	-	200mA	0.80ohm	-55°C to +125°C
BLM15BA050SN1□	5ohm±25%	-	300mA	0.10ohm	-55°C to +125°C
BLM15BA100SN1□	10ohm±25%	-	300mA	0.20ohm	-55°C to +125°C
BLM15BA220SN1□	22ohm±25%	-	300mA	0.30ohm	-55°C to +125°C
BLM15BA330SN1□	33ohm±25%	-	300mA	0.40ohm	-55°C to +125°C

Number of Circuits: 1

Continued on the following page.

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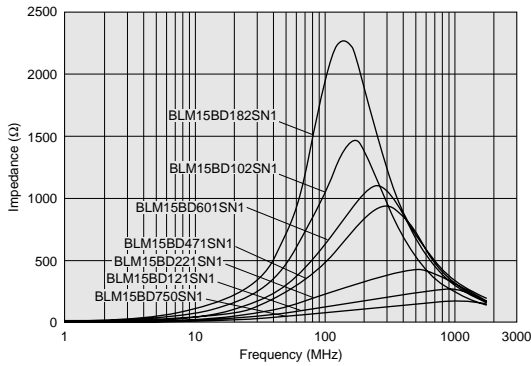
Continued from the preceding page.

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range
BLM15BA470SN1□	47ohm±25%	-	200mA	0.60ohm	-55°C to +125°C
BLM15BA750SN1□	75ohm±25%	-	200mA	0.80ohm	-55°C to +125°C

Number of Circuits: 1

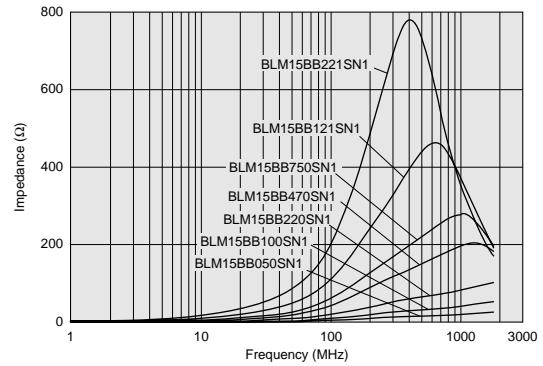
■ Impedance-Frequency Characteristics (Main Items)

BLM15BD Series



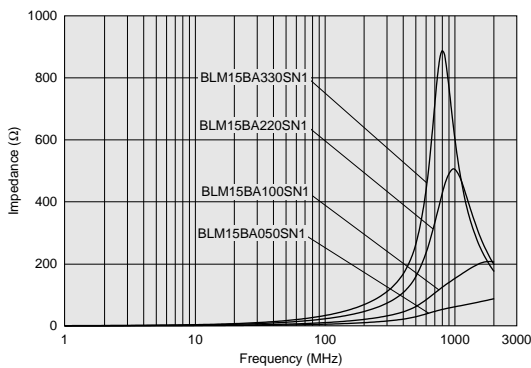
■ Impedance-Frequency Characteristics (Main Items)

BLM15BB Series



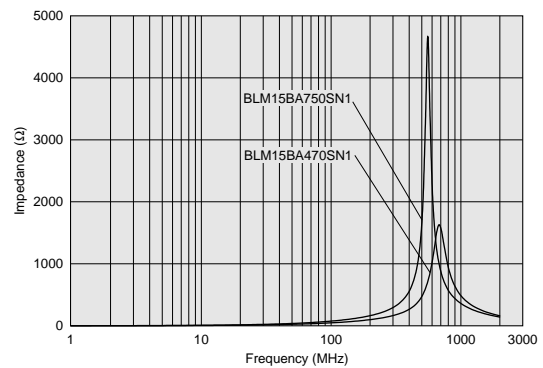
■ Impedance-Frequency Characteristics (Main Items)

BLM15BA Series



■ Impedance-Frequency Characteristics (Main Items)

BLM15BA Series



Continued on the following page. ↗

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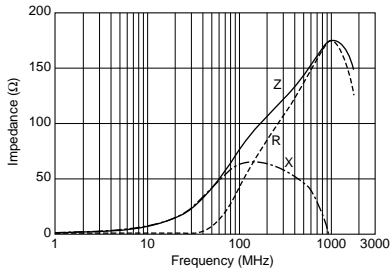
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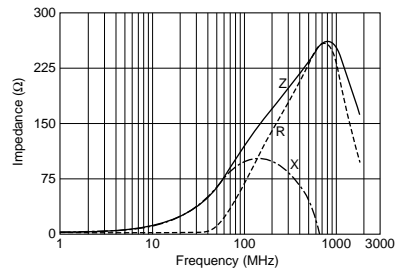
■ Impedance-Frequency Characteristics

**BLM15BD750SN1**



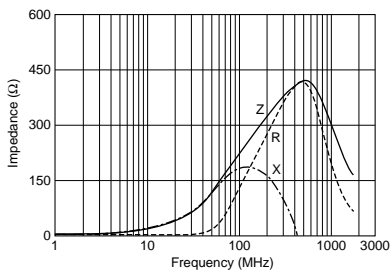
■ Impedance-Frequency Characteristics

**BLM15BD121SN1**



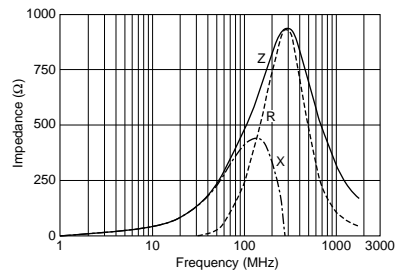
■ Impedance-Frequency Characteristics

**BLM15BD221SN1**



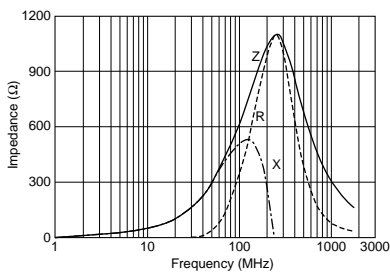
■ Impedance-Frequency Characteristics

**BLM15BD471SN1**



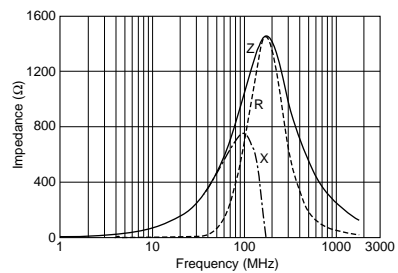
■ Impedance-Frequency Characteristics

**BLM15BD601SN1**



■ Impedance-Frequency Characteristics

**BLM15BD102SN1**



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

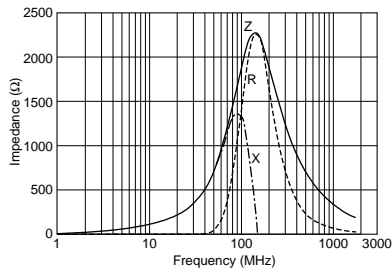
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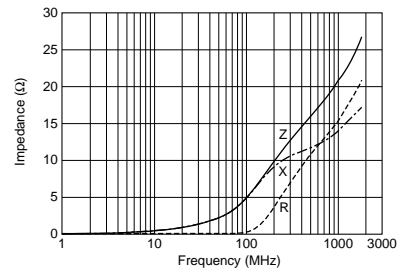
### Impedance-Frequency Characteristics

**BLM15BD182SN1**



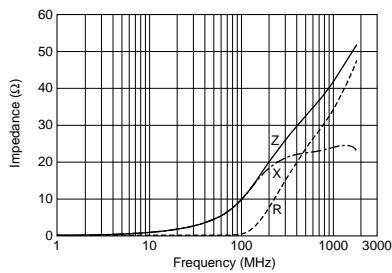
### Impedance-Frequency Characteristics

**BLM15BB050SN1**



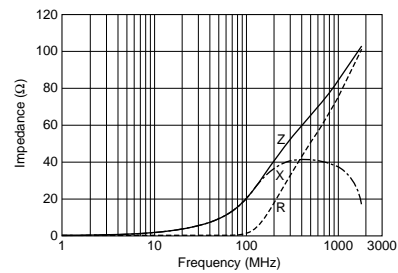
### Impedance-Frequency Characteristics

**BLM15BB100SN1**



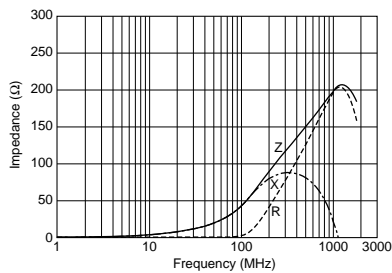
### Impedance-Frequency Characteristics

**BLM15BB220SN1**



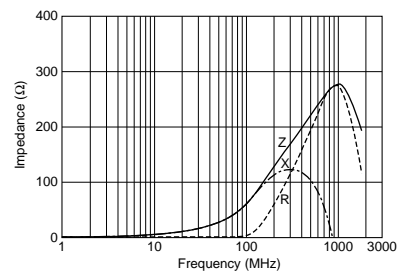
### Impedance-Frequency Characteristics


**BLM15BB470SN1**



### Impedance-Frequency Characteristics

**BLM15BB750SN1**



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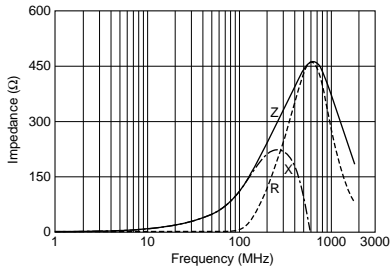
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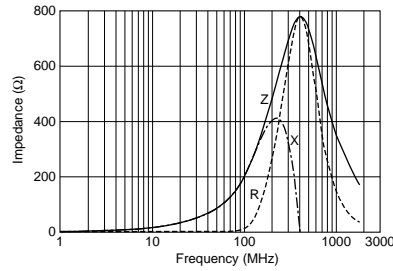
■ Impedance-Frequency Characteristics

**BLM15BB121SN1**



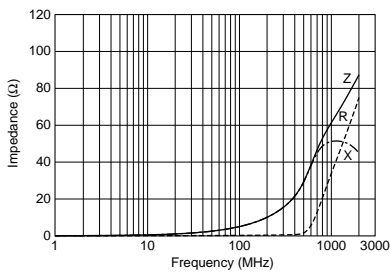
■ Impedance-Frequency Characteristics

**BLM15BB221SN1**



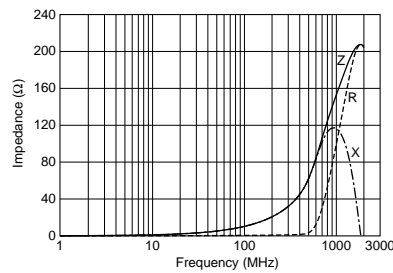
■ Impedance-Frequency Characteristics

**BLM15BA050SN1**



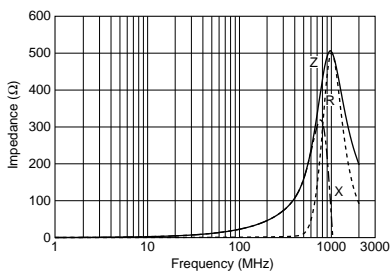
■ Impedance-Frequency Characteristics

**BLM15BA100SN1**



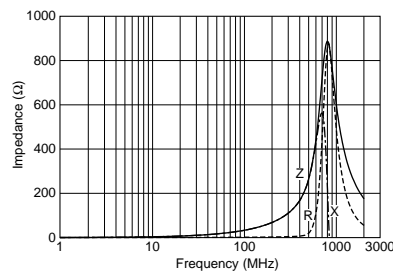
■ Impedance-Frequency Characteristics

**BLM15BA220SN1**



■ Impedance-Frequency Characteristics

**BLM15BA330SN1**



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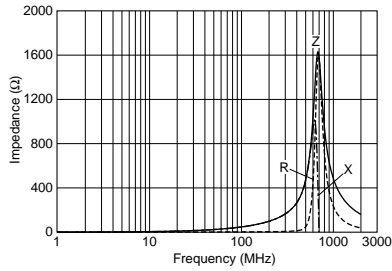
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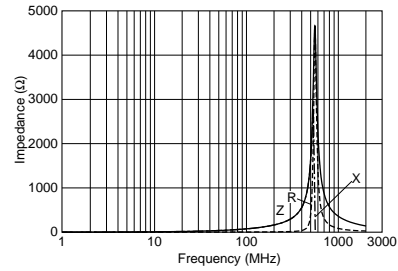
### ■ Impedance-Frequency Characteristics

**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.

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