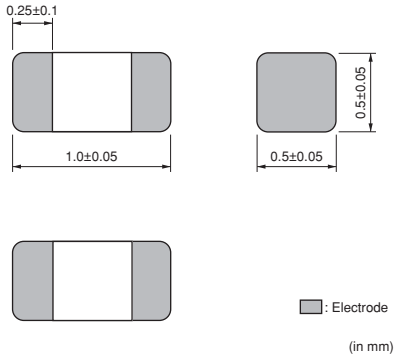
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM15B Series (0402 Size)

■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ 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.

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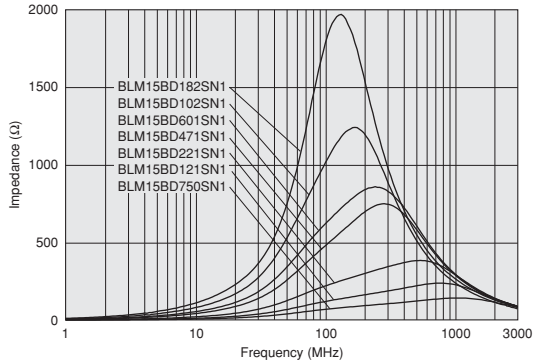
Continued from the preceding page.

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

Number of Circuits: 1

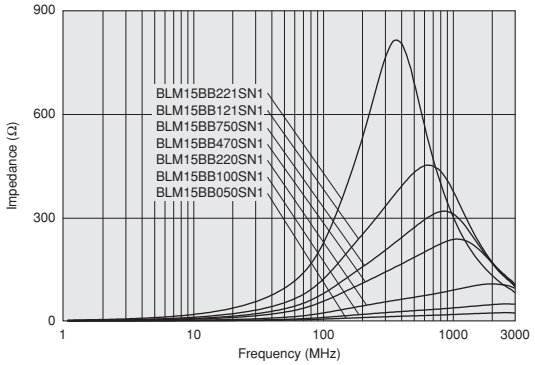
■ Impedance-Frequency Characteristics (Main Items)

BLM15BD Series



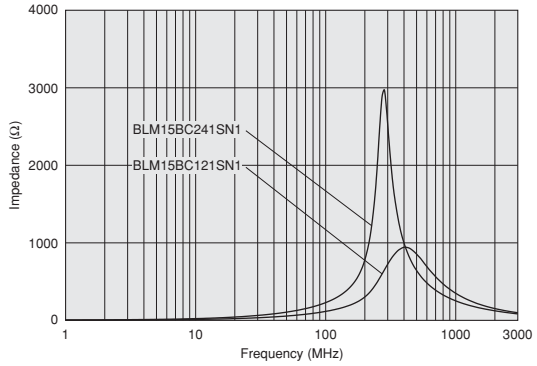
■ Impedance-Frequency Characteristics (Main Items)

BLM15BB Series



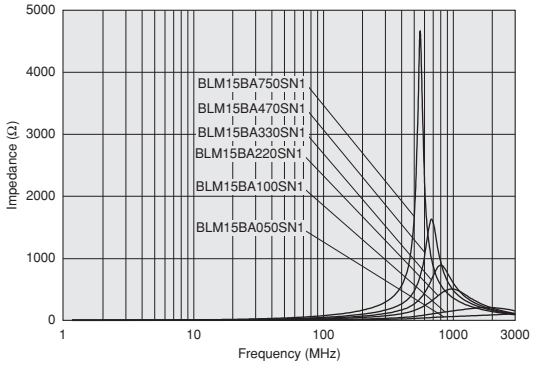
■ Impedance-Frequency Characteristics (Main Items)

BLM15BC Series



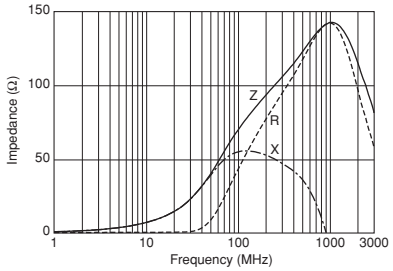
■ Impedance-Frequency Characteristics (Main Items)

BLM15BA Series



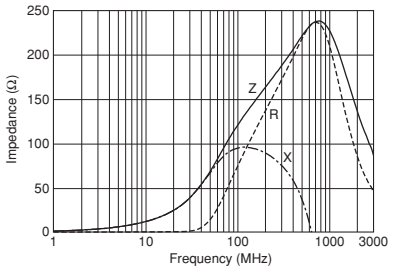
■ Impedance-Frequency Characteristics

BLM15BD750SN1



■ Impedance-Frequency Characteristics

BLM15BD121SN1



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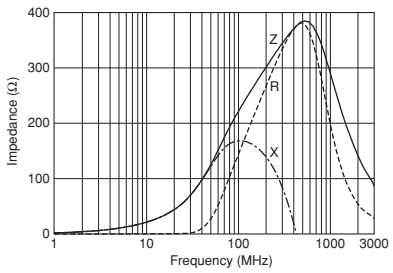
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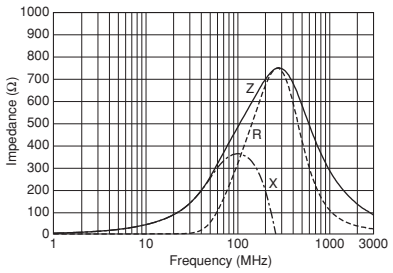
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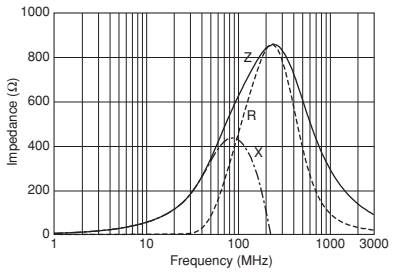
■ Impedance-Frequency Characteristics
BLM15BD221SN1



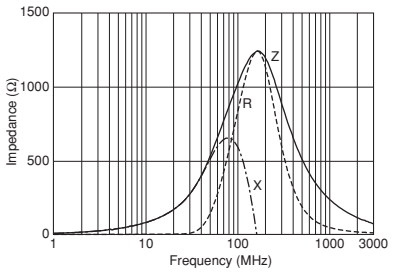
■ Impedance-Frequency Characteristics
BLM15BD471SN1



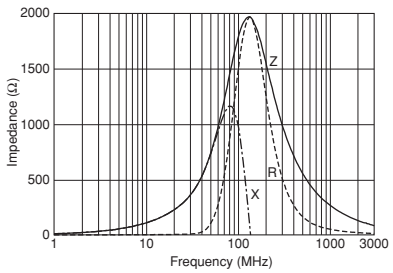
■ Impedance-Frequency Characteristics
BLM15BD601SN1



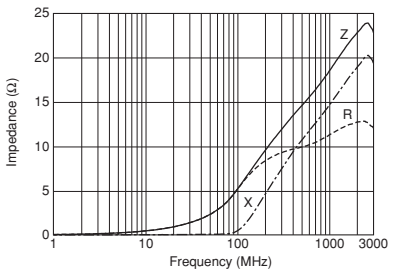
■ Impedance-Frequency Characteristics
BLM15BD102SN1



■ Impedance-Frequency Characteristics
BLM15BD182SN1



■ Impedance-Frequency Characteristics
BLM15BB050SN1



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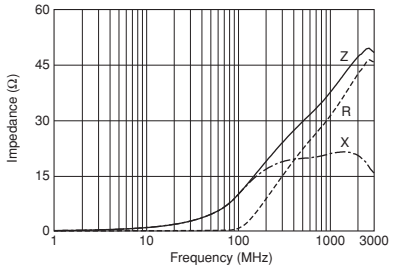
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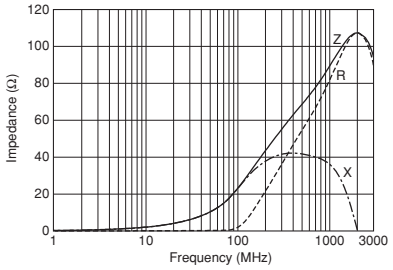
■ Impedance-Frequency Characteristics

BLM15BB100SN1



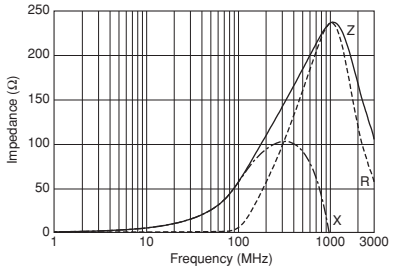
■ Impedance-Frequency Characteristics

BLM15BB220SN1



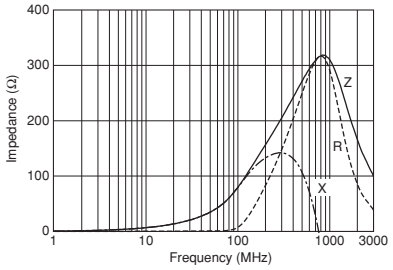
■ Impedance-Frequency Characteristics

BLM15BB470SN1



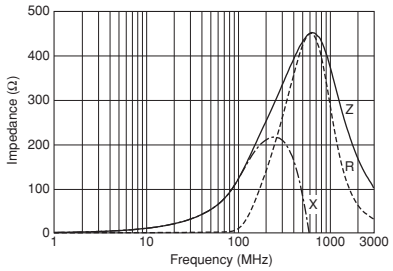
■ Impedance-Frequency Characteristics

BLM15BB750SN1



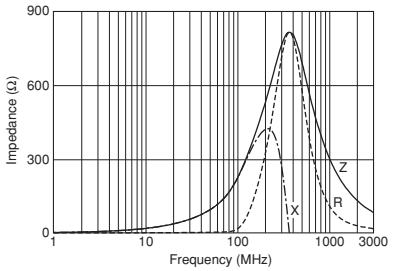
■ Impedance-Frequency Characteristics

BLM15BB121SN1



■ Impedance-Frequency Characteristics

BLM15BB221SN1



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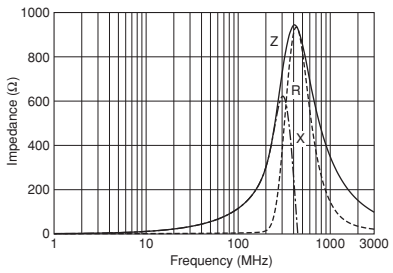
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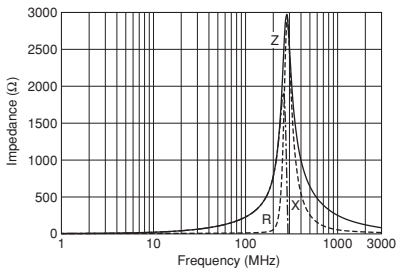
■ Impedance-Frequency Characteristics

BLM15BC121SN1



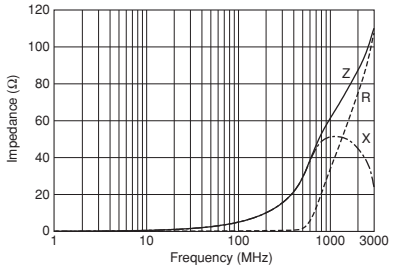
■ Impedance-Frequency Characteristics

BLM15BC241SN1



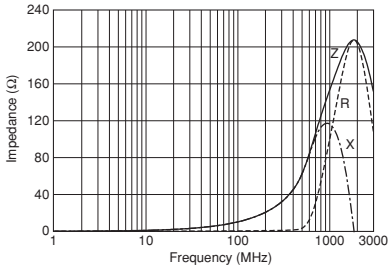
■ Impedance-Frequency Characteristics

BLM15BA050SN1



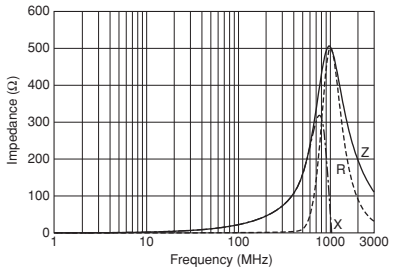
■ Impedance-Frequency Characteristics

BLM15BA100SN1



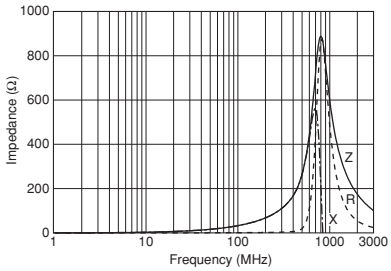
■ Impedance-Frequency Characteristics

BLM15BA220SN1



■ Impedance-Frequency Characteristics

BLM15BA330SN1



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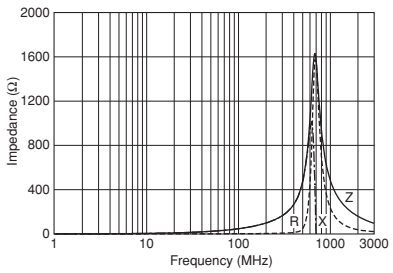
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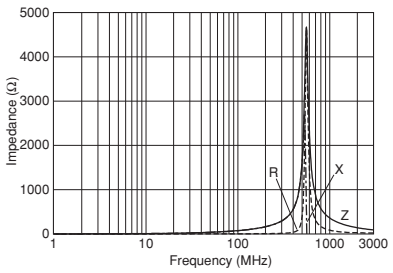
■ Impedance-Frequency Characteristics

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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