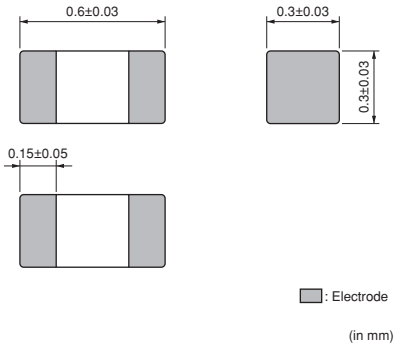
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM03B Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ 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.

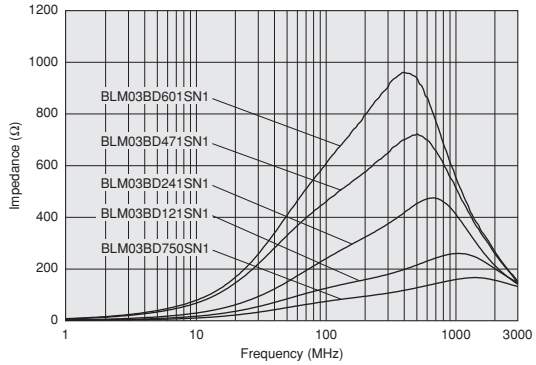
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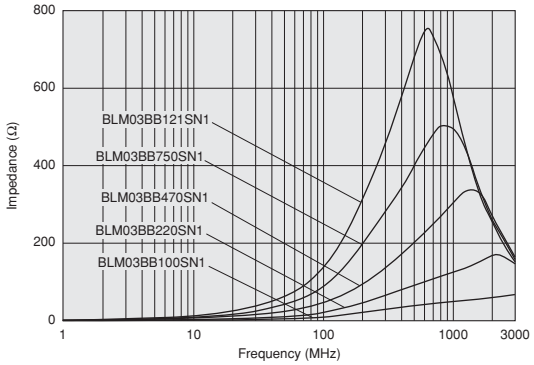
■ Impedance-Frequency Characteristics (Main Items)

BLM03BD Series



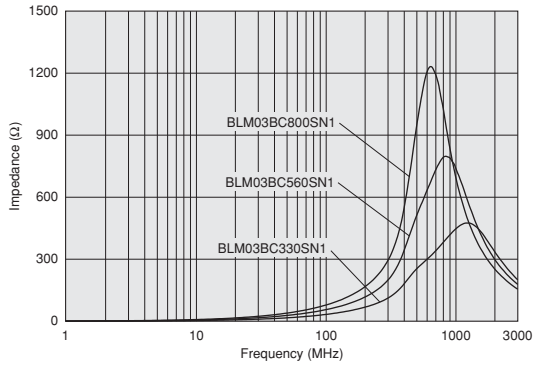
■ Impedance-Frequency Characteristics (Main Items)

BLM03BB Series



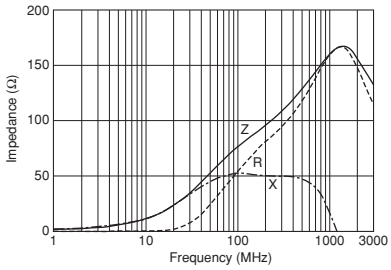
■ Impedance-Frequency Characteristics (Main Items)

BLM03BC Series



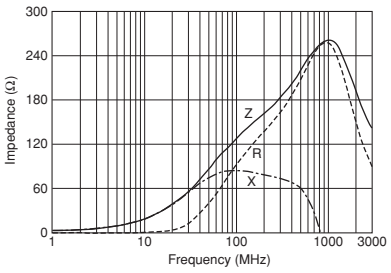
■ Impedance-Frequency Characteristics

BLM03BD750SN1



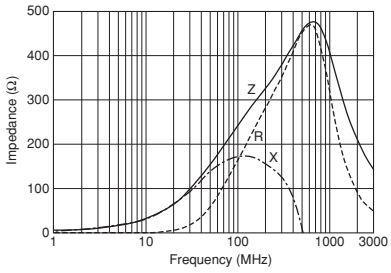
■ Impedance-Frequency Characteristics

BLM03BD121SN1



■ Impedance-Frequency Characteristics

BLM03BD241SN1



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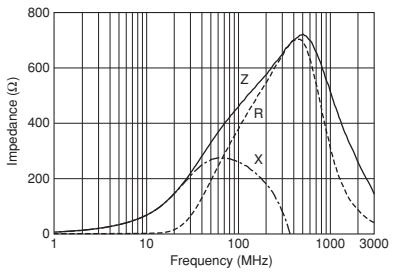
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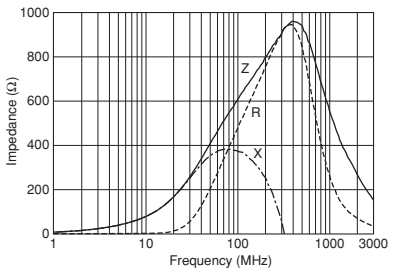
■ Impedance-Frequency Characteristics

BLM03BD471SN1



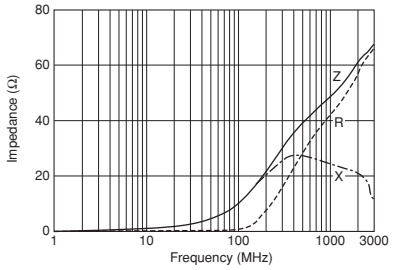
■ Impedance-Frequency Characteristics

BLM03BD601SN1



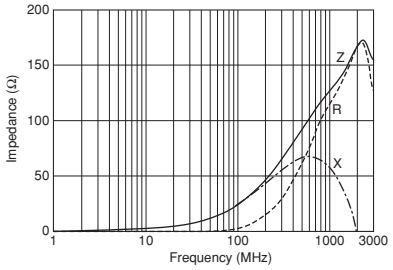
■ Impedance-Frequency Characteristics

BLM03BB100SN1



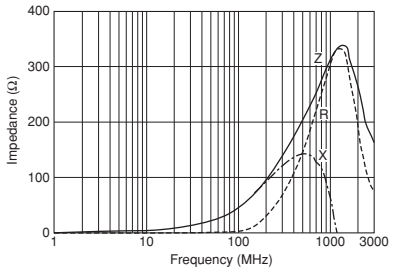
■ Impedance-Frequency Characteristics

BLM03BB220SN1



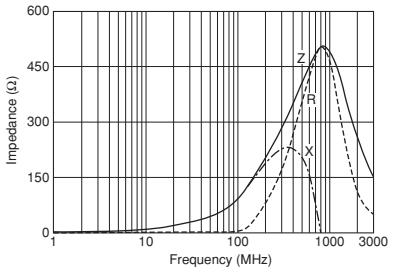
■ Impedance-Frequency Characteristics

BLM03BB470SN1



■ Impedance-Frequency Characteristics

BLM03BB750SN1



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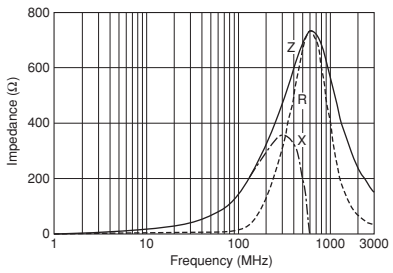
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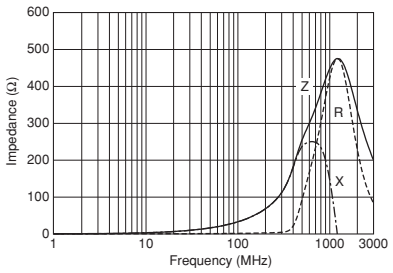
■ Impedance-Frequency Characteristics

BLM03BB121SN1



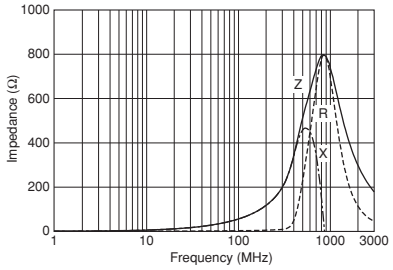
■ Impedance-Frequency Characteristics

BLM03BC330SN1



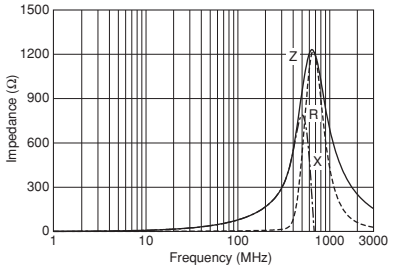
■ Impedance-Frequency Characteristics

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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