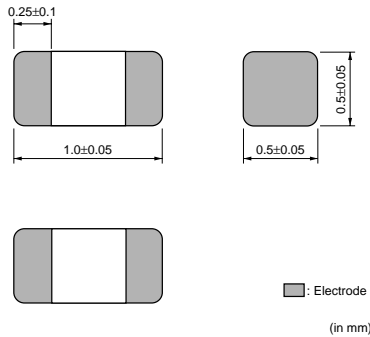


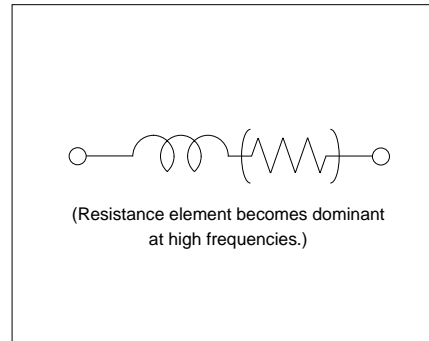
EMIFIL® (Inductor type) Chip Ferrite Bead

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 to +125°C |
| BLM15BD121SN1□ | 120ohm±25% | - | 300mA | 0.30ohm | -55 to +125°C |
| BLM15BD221SN1□ | 220ohm±25% | - | 300mA | 0.40ohm | -55 to +125°C |
| BLM15BD471SN1□ | 470ohm±25% | - | 200mA | 0.60ohm | -55 to +125°C |
| BLM15BD601SN1□ | 600ohm±25% | - | 200mA | 0.65ohm | -55 to +125°C |
| BLM15BD102SN1□ | 1000ohm±25% | - | 200mA | 0.90ohm | -55 to +125°C |
| BLM15BD182SN1□ | 1800ohm±25% | - | 100mA | 1.40ohm | -55 to +125°C |
| BLM15BB050SN1□ | 5ohm±25% | - | 500mA | 0.08ohm | -55 to +125°C |
| BLM15BB100SN1□ | 10ohm±25% | - | 300mA | 0.10ohm | -55 to +125°C |
| BLM15BB220SN1□ | 22ohm±25% | - | 300mA | 0.20ohm | -55 to +125°C |
| BLM15BB470SN1□ | 47ohm±25% | - | 300mA | 0.35ohm | -55 to +125°C |
| BLM15BB750SN1□ | 75ohm±25% | - | 300mA | 0.40ohm | -55 to +125°C |
| BLM15BB121SN1□ | 120ohm±25% | - | 300mA | 0.55ohm | -55 to +125°C |
| BLM15BB221SN1□ | 220ohm±25% | - | 200mA | 0.80ohm | -55 to +125°C |
| BLM15BC121SN1□ | 120ohm±25% | - | 350mA | 0.45ohm | -55 to +125°C |
| BLM15BC241SN1□ | 240ohm±25% | - | 250mA | 0.70ohm | -55 to +125°C |
| BLM15BA050SN1□ | 5ohm±25% | - | 300mA | 0.10ohm | -55 to +125°C |
| BLM15BA100SN1□ | 10ohm±25% | - | 300mA | 0.20ohm | -55 to +125°C |

Number of Circuits: 1

Continued on the following page.

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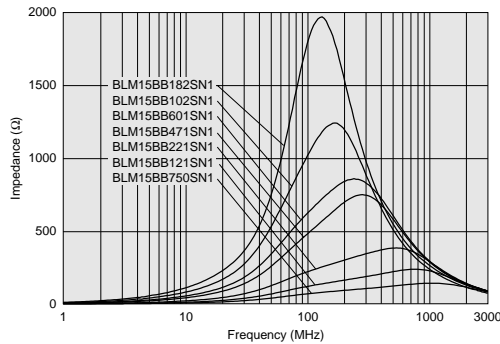
Continued from the preceding page.

| Part Number | Impedance (at 100MHz/20°C) | Impedance (at 1GHz/20°C) | Rated Current | DC Resistance (max.) | Operating Temperature Range |
|------------------------|-------------------------------|-----------------------------|---------------|----------------------|--------------------------------|
| BLM15BA220SN1 □ | 22ohm±25% | - | 300mA | 0.30ohm | -55 to +125°C |
| BLM15BA330SN1 □ | 33ohm±25% | - | 300mA | 0.40ohm | -55 to +125°C |
| BLM15BA470SN1 □ | 47ohm±25% | - | 200mA | 0.60ohm | -55 to +125°C |
| BLM15BA750SN1 □ | 75ohm±25% | - | 200mA | 0.80ohm | -55 to +125°C |

Number of Circuits: 1

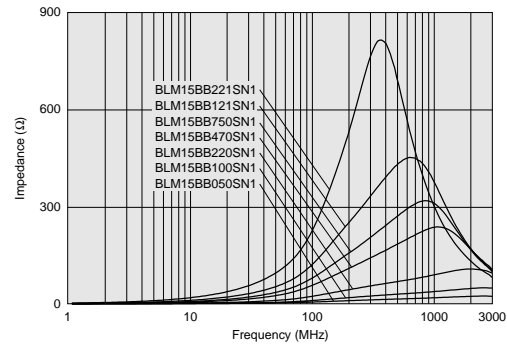
■ Impedance-Frequency Characteristics (Main Items)

BLM15BD Series



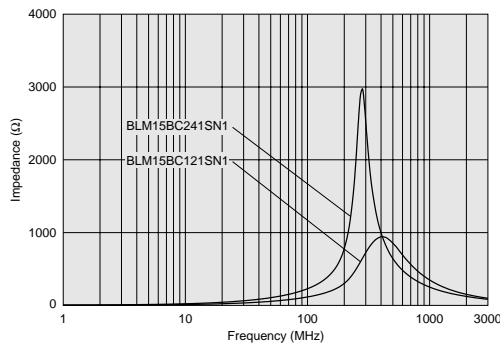
■ Impedance-Frequency Characteristics (Main Items)

BLM15BB Series



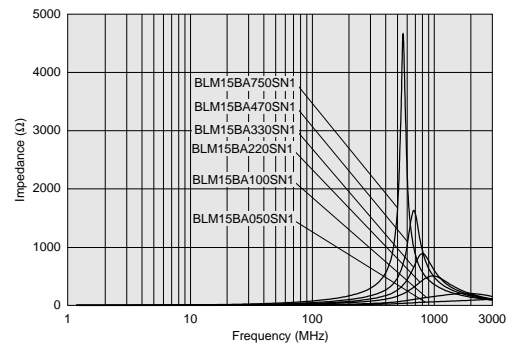
■ Impedance-Frequency Characteristics (Main Items)

BLM15BC Series



■ Impedance-Frequency Characteristics (Main Items)

BLM15BA Series



Continued on the following page. □

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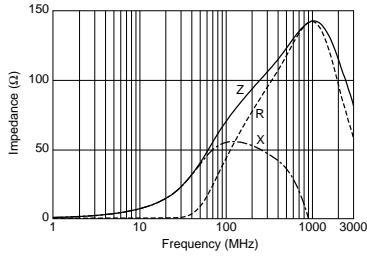
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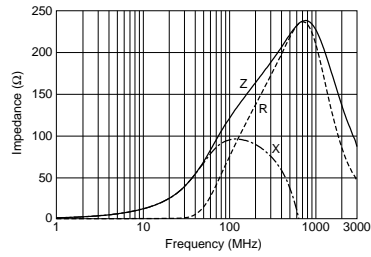
■ Impedance-Frequency Characteristics

BLM15BD750SN1



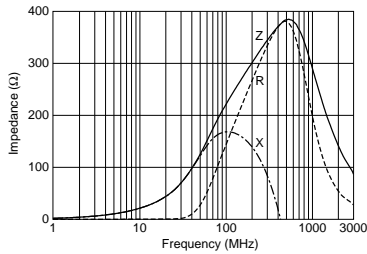
■ Impedance-Frequency Characteristics

BLM15BD121SN1



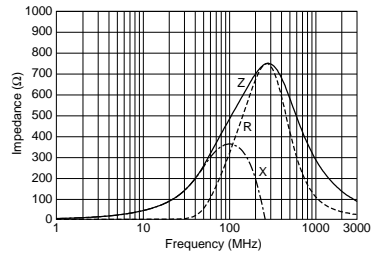
■ Impedance-Frequency Characteristics

BLM15BD221SN1



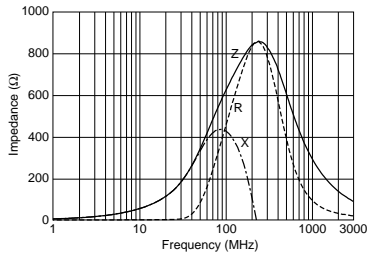
■ Impedance-Frequency Characteristics

BLM15BD471SN1



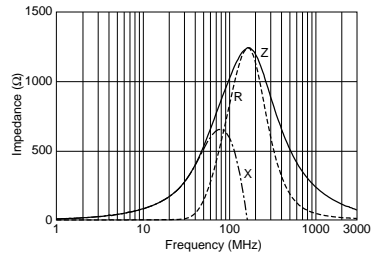
■ Impedance-Frequency Characteristics

BLM15BD601SN1



■ Impedance-Frequency Characteristics

BLM15BD102SN1



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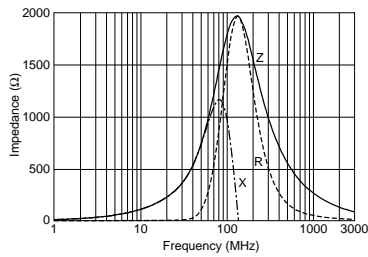
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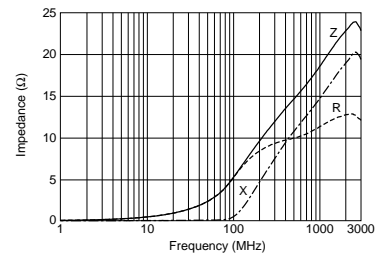
Impedance-Frequency Characteristics

BLM15BD182SN1



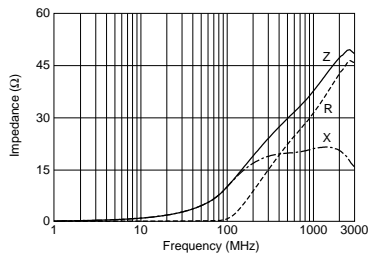
Impedance-Frequency Characteristics

BLM15BB050SN1



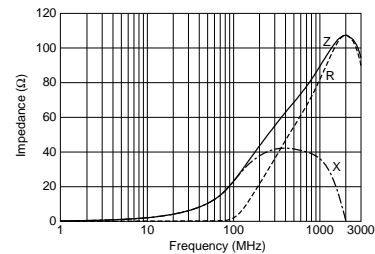
Impedance-Frequency Characteristics

BLM15BB100SN1



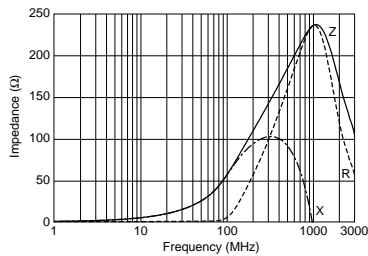
Impedance-Frequency Characteristics

BLM15BB220SN1



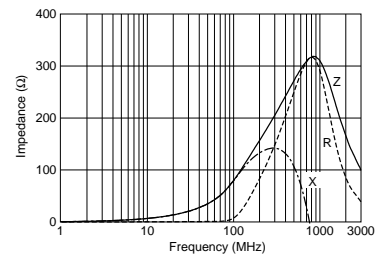
Impedance-Frequency Characteristics

BLM15BB470SN1



Impedance-Frequency Characteristics

BLM15BB750SN1



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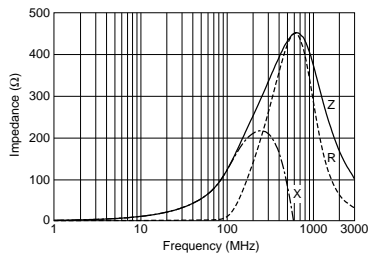
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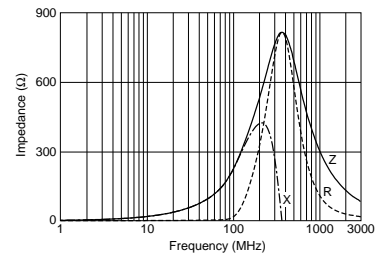
Impedance-Frequency Characteristics

BLM15BB121SN1



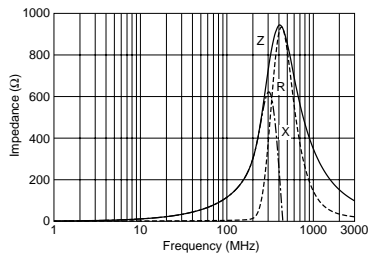
Impedance-Frequency Characteristics

BLM15BB221SN1



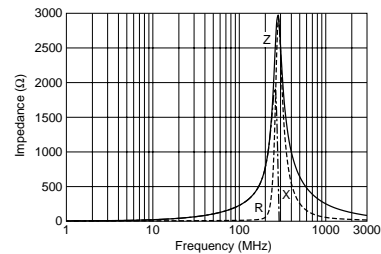
Impedance-Frequency Characteristics

BLM15BC121SN1



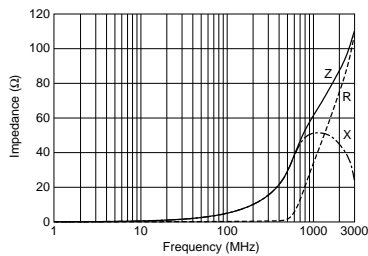
Impedance-Frequency Characteristics

BLM15BC241SN1



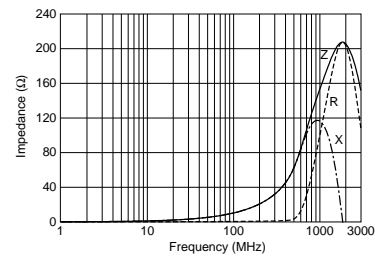
Impedance-Frequency Characteristics

BLM15BA050SN1



Impedance-Frequency Characteristics

BLM15BA100SN1



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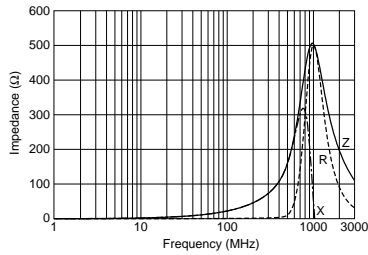
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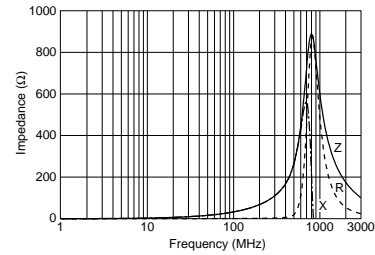
Impedance-Frequency Characteristics

BLM15BA220SN1



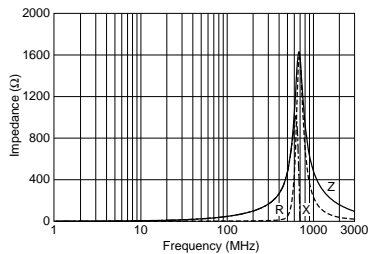
Impedance-Frequency Characteristics

BLM15BA330SN1



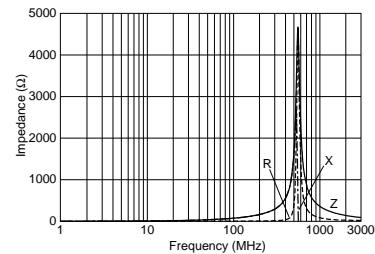
Impedance-Frequency Characteristics

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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