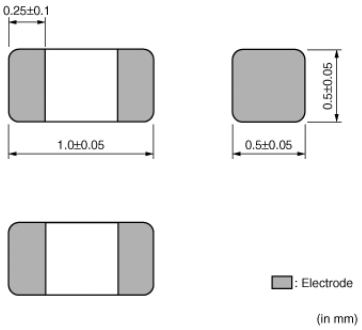
BLM15BX121SN1#

"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >
BLM15BX121SN1J BLM15BX121SN1B BLM15BX121SN1D

Appearance & Shape



Features

The chip ferrite beads BLM series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.
BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.
The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
BLM_B series generates an impedance from the relatively low frequencies.
BLM_B series is suitable for advanced high-density mounting, and is followed on a miniaturization of digital equipment,
or module of a functional portion.
Because of newly developed ferrite material, BLM15BX has been realized lower DC resistance and larger rated current than BLM15BD series.

Applications

Other Usage	For general

Packaging Information

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000

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Specifications

Shape	SMD
Size Code (in mm)	1005
Size Code (in inch)	0402
Length	1.0mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.5mm
Thickness Tolerance	±0.05mm
Impedance (at 100MHz)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85℃)	600mA
Rated Current (at 125℃)	600mA
DC Resistance(max.)	0.17Ω
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1

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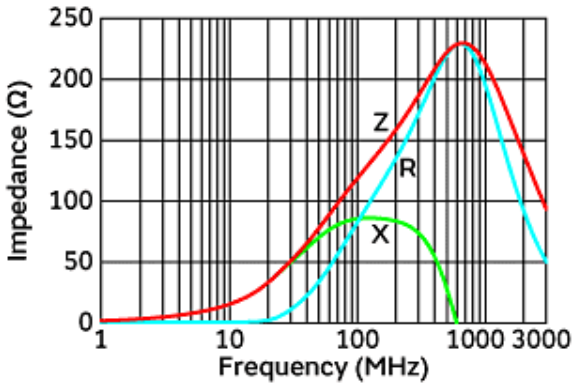
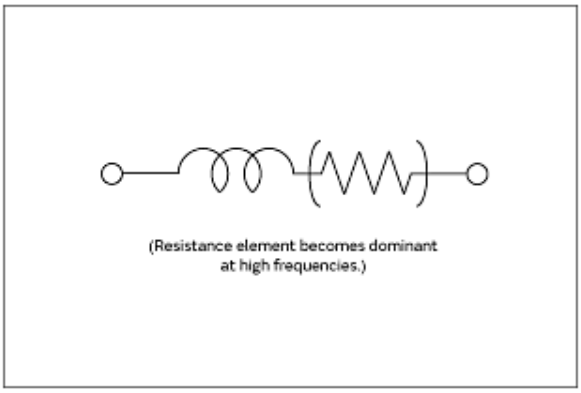
Product Data



Impedance-Frequency Characteristics



Equivalent Circuit