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# BLM18RK121SN1#

"#"at the end indicates the package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

BLM18RK121SN1B BLM18RK121SN1D BLM18RK121SN1J

## Applications

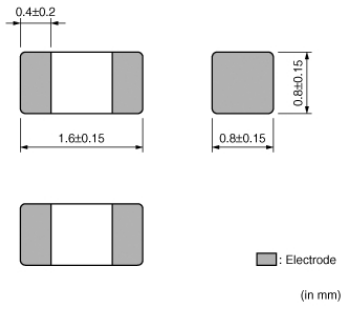
| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended Applications | Consumer equipment |

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| B | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 4000 |
| J | 330mm Paper Tape | 10000 |

## Appearance & Shape








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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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# BLM18RK121SN1#

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## 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_R series can be used in a digital Interface.
Resistance of BLM_R series especially grows in the lower frequency range. Therefore BLM_R series is less effective for digital signal waveform at low frequency range and can suppress the ringing.



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# BLM18RK121SN1#

"#"at the end indicates the package specification code.

## Specifications

| | |
|---|---|
| Shape | SMD |
| Size Code (in inch) | 0603 |
| Length | 1.6mm |
| Length Tolerance | ±0.15mm |
| Width | 0.8mm |
| Width Tolerance | ±0.15mm |
| Thickness | 0.8mm |
| Thickness Tolerance | ±0.15mm |
| Operating Temperature Range | -55℃ to 125℃ |
| Mass(typ.) | 0.005g |
| Number of Circuit | 1 |
| Rated Current (at 125℃) | 200mA |
| DC Resistance(max.) | 0.25Ω |
| Impedance (at 100MHz) | 120Ω |
| Impedance (at 100MHz) Tolerance | ±25% |
| Size Code (in mm) | 1608 |



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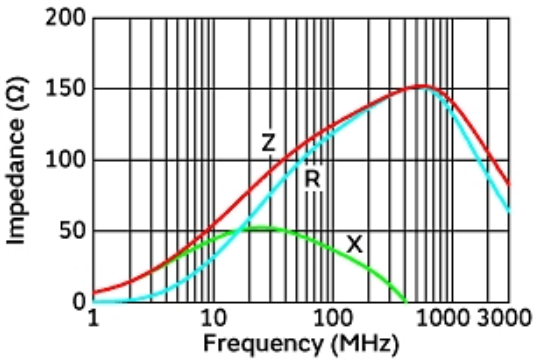
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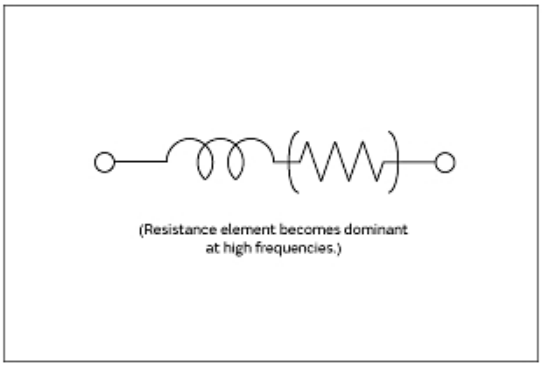
# BLM18RK121SN1#

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## Product Data




Impedance-Frequency Characteristics




Equivalent Circuit



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