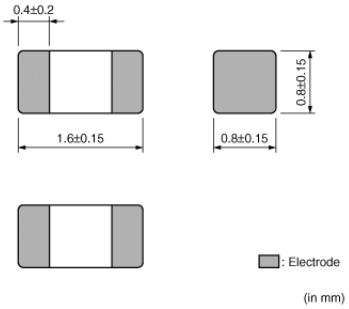
# BLM18BA470SH1#

"#" indicates a package specification code.

In Production | RoHS | REACH | AEC-Q200

< List of part numbers with package codes >
BLM18BA470SH1J BLM18BA470SH1D BLM18BA470SH1B

## 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 can minimize attenuation of the signal waveform due to its sharp impedance characteristics.
Various impedances are available to match signal frequency.

## Applications

| | |
|---|---|
| Automotive Usage | Powertrain/Safety |

## Packaging Information

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

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## Specifications

| | |
|---|---|
| Shape | SMD |
| Size Code (in mm) | 1608 |
| 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 |
| Impedance (at 100MHz) | 47Ω |
| Impedance (at 100MHz) Tolerance | ±25% |
| Rated Current (at 85℃) | 300mA |
| Rated Current (at 125℃) | 300mA |
| DC Resistance(max.) | 0.55Ω |
| Operating Temperature Range | -55℃ to 125℃ |
| Mass(typ.) | 0.005g |
| Number of Circuit | 1 |

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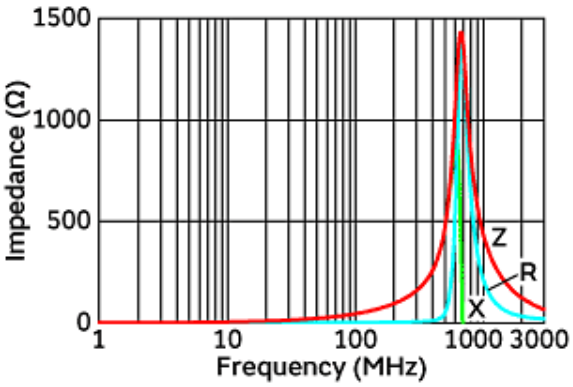
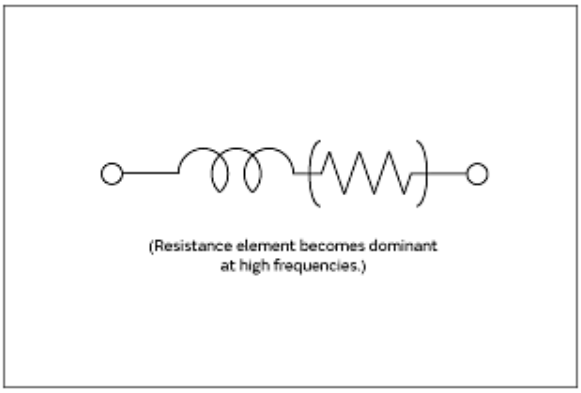
## Product Data




Impedance-Frequency Characteristics




Equivalent Circuit