

# BLM18EG471SH1#

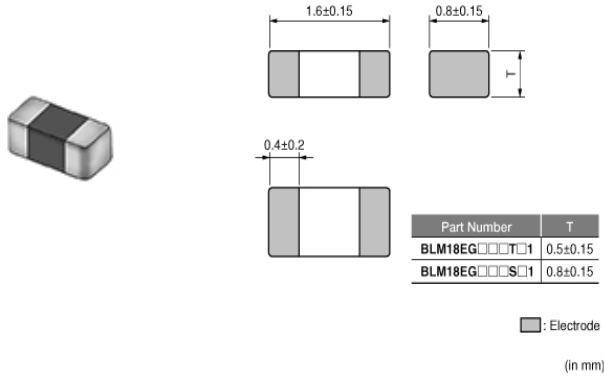
“#” indicates a package specification code.



## < List of part numbers with package codes >

BLM18EG471SH1B      BLM18EG471SH1D      BLM18EG471SH1J

## Appearance & Shape



## Packaging Information

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

## Features

BLM18E series has a modified internal electrode structure, that minimizes stray capacitance and increases the effective frequency range.

### Features

1. Low DC Resistance and a large Rated Current are suitable for noise suppression of the driver circuit.
2. Excellent direct current characteristics.
3. Thin type (t=0.5mm) is suitable for small and low profile equipment such as ETC, RKE.

## Applications

Automotive Usage	Powertrain/Safety
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### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## 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°C to 125°C
Mass(typ.)	0.005g
Number of Circuit	1
Rated Current (at 85°C)	500mA
Rated Current (at 125°C)	500mA
DC Resistance(max.)	0.21Ω
Impedance (at 100MHz)	470Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	550Ω
Impedance (at 1GHz) Tolerance	(Typ.)
Size Code (in mm)	1608

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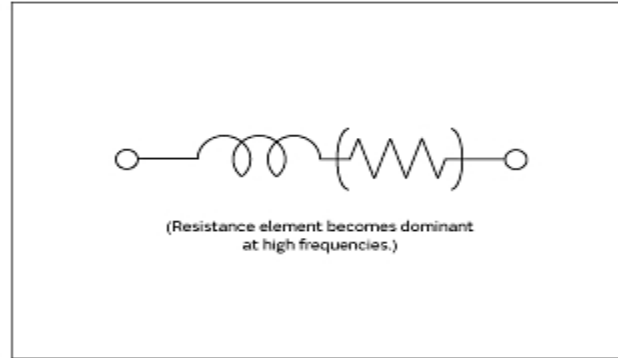
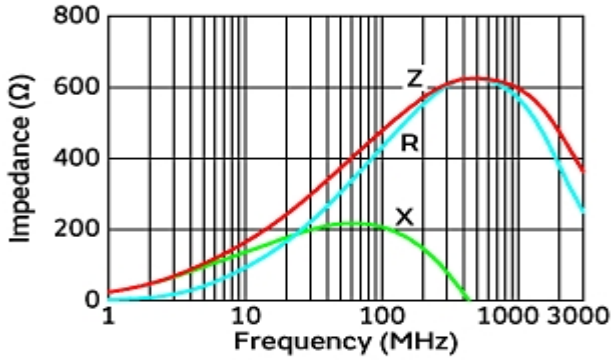
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## Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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