

BLM18EG601SH1#

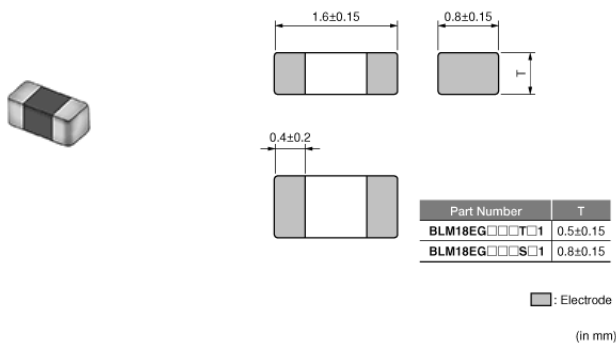
“#” indicates a package specification code.



< List of part numbers with package codes >

BLM18EG601SH1J BLM18EG601SH1D BLM18EG601SH1B

Appearance & Shape



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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Packaging Information

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

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products 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	Impedance (at 1GHz) Tolerance	(Typ.)
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		
Rated Current	500.0mA		
Operating Temperature Range	-55°C to 125°C		
Mass(typ.)	0.005g		
Number of Circuit	1		
DC Resistance(max.)	0.35Ω		
Impedance (at 100MHz)	600Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	700Ω		

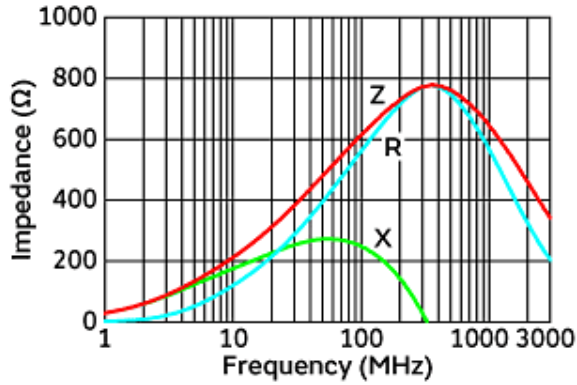
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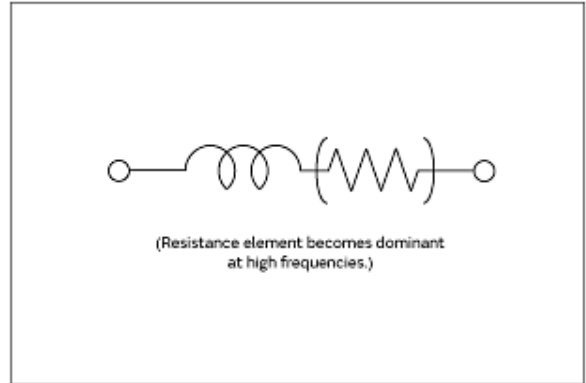
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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