

BLM18EG121SH1#

“#” indicates a package specification code.



Specifications

Shape	SMD	Mass(typ.)	0.005g
Size Code (in mm)	1608	Number of Circuit	1
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)	120Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	145Ω		
Impedance (at 1GHz) Tolerance	(Typ.)		
Rated Current (at 85°C)	2A		
Rated Current (at 125°C)	1A		
DC Resistance(max.)	0.04Ω		
Operating Temperature Range	-55°C to 125°C		

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 in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

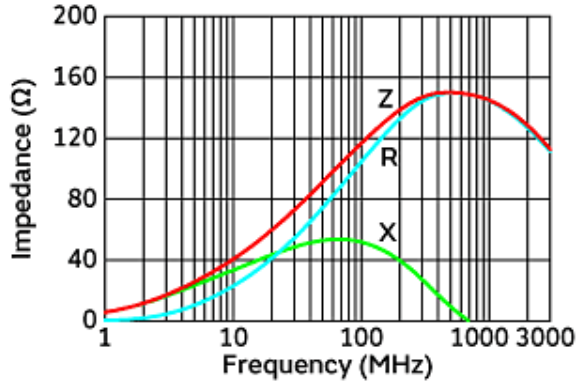
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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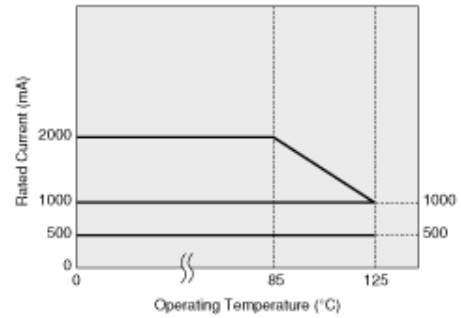
Product Data



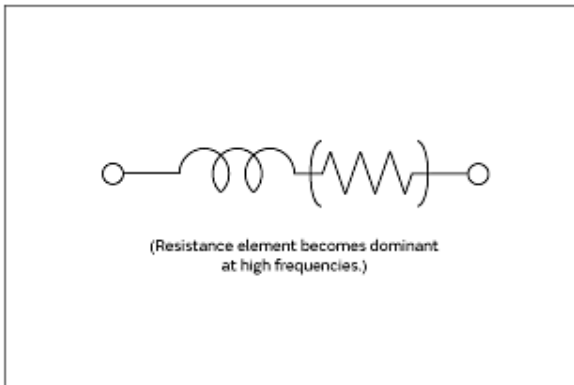
Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for BLM18EG series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current



Equivalent Circuit

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