

BLM03HD102SN1#

“#” indicates a package specification code.

In Production

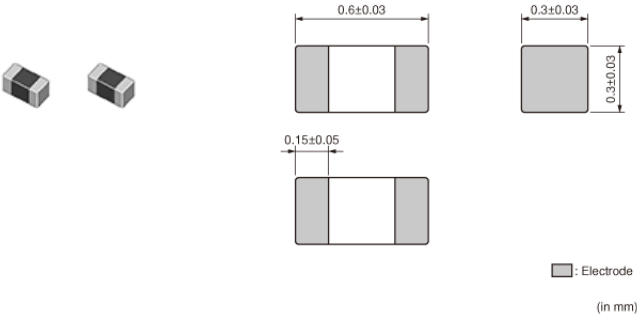
RoHS

REACH

< List of part numbers with package codes >

BLM03HD102SN1D BLM03HD102SN1J BLM03HD102SN1B

Appearance & Shape



Features

1. Horizontal winding inner coil structure enables low storage capacitance which result to high noise suppression performance up to 1GHz frequency range.
2. The small size of BLM03H series (0.6x0.3mm) is suitable for noise suppression in small equipment such as cellular phones.

■Application

1. Intra-system EMC in cellular phones.
2. EMI countermeasure of cellular phones.
3. Keyed carrier noise countermeasure for cellular phones.
4. EMI countermeasure of NotePC/MID, and DSC

Applications

Other Usage	For general
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

Attention

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Specifications

Shape	SMD	Mass(typ.)	0.0003g
Size Code (in mm)	0603	Number of Circuit	1
Size Code (in inch)	0201		
Length	0.6mm		
Length Tolerance	±0.03mm		
Width	0.3mm		
Width Tolerance	±0.03mm		
Thickness	0.3mm		
Thickness Tolerance	±0.03mm		
Impedance (at 100MHz)	1000Ω		
Impedance (at 100MHz) Tolerance	±25%		
Impedance (at 1GHz)	2300Ω		
Impedance (at 1GHz) Tolerance	±40%		
Rated Current (at 85°C)	120mA		
Rated Current (at 125°C)	120mA		
DC Resistance(max.)	2.9Ω		
Operating Temperature Range	-55°C to 125°C		

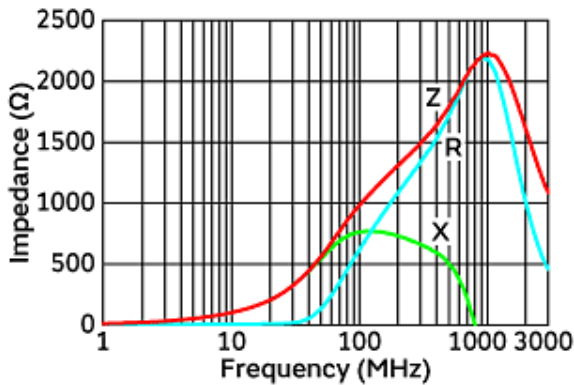
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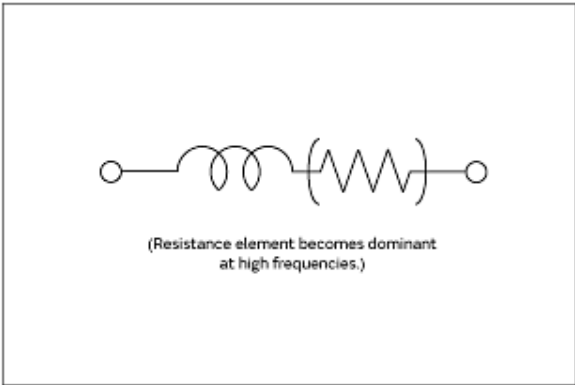
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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