BLM18SP300SN1#

"#"at the end indicates the package specification code.

In Production RoHS REACH

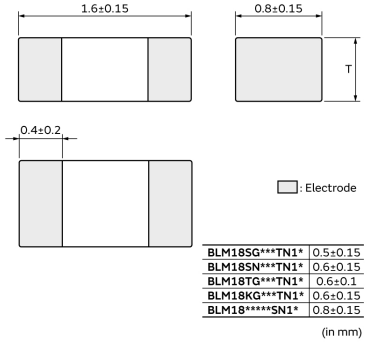
< List of part numbers with package codes >

BLM18SP300SN1B BLM18SP300SN1D

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Appearance & Shape



BLM18SG***TN1*	0.5±0.15
BLM18SN***TN1*	0.6±0.15
BLM18TG***TN1*	0.6±0.1
BLM18KG***TN1*	0.6±0.15
BLM18*****SN1*	0.8±0.15

(in mm)

Packaging Information

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

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.
BLM18SP series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 6ADC.

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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℃ to 125℃
Mass(typ.)	0.005g
Number of Circuit	1
Rated Current (at 85℃)	6000mA
Rated Current (at 125℃)	4000mA
DC Resistance(max.)	0.008Ω
Impedance (at 100MHz)	30Ω
Impedance (at 100MHz) Tolerance	±10Ω
Size Code (in mm)	1608

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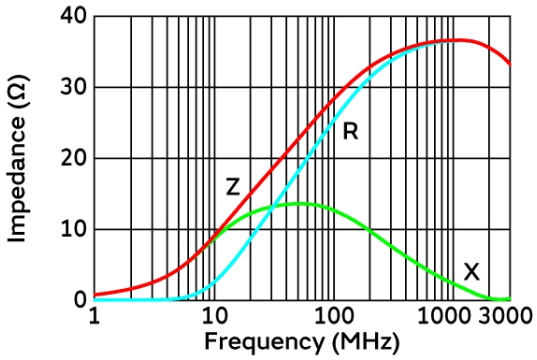
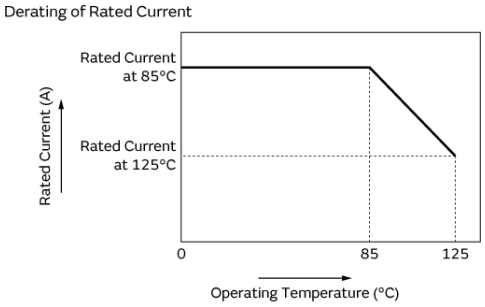
Product Data

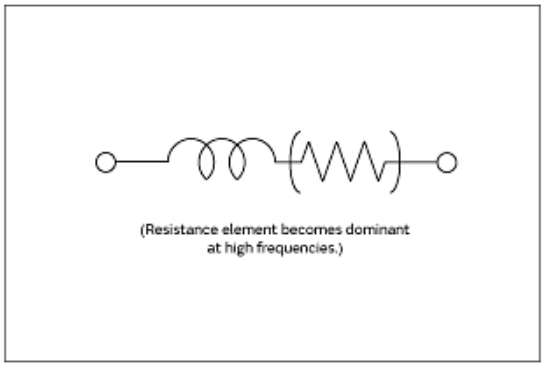


Impedance-Frequency Characteristics

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



Derating of Rated Current



Equivalent Circuit