

# MDH6045C-101MB#

"#" indicates a package specification code.

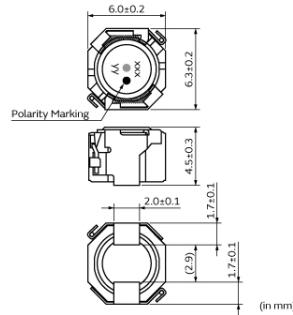
Comply with ISO16750-3 (vibration test for Engine)



< List of part numbers with package codes >

MDH6045C-101MB=P3

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000

Mass (typ.)	
1 piece	0.55g

## Notices

The saturation allowable DC current value is specified when the decrease of the nominal inductance value at 30%. Rated current (based on temperature rise) is specified when temperature of the inductor on our PCB for test purpose is raised 40°C by DC current.

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### Attention

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## Specifications

L size	6.3±0.2mm
W size	6.0±0.2mm
T size	4.5±0.3mm
Size code inch (mm)	2524 (6360)
Inductance	100 $\mu$ H±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	560mA
Rated current (Itemp) (Based on Temperature rise)	680mA
Max. of DC resistance	0.442 $\Omega$
Operating Temperature Range (Self-temperature rise is included)	-55°C to 150°C
Class of magnetic shield	Ferrite Core
DC Resistance Intermediate Values	0.340 $\Omega$ ±30%
Series	MDH6045C

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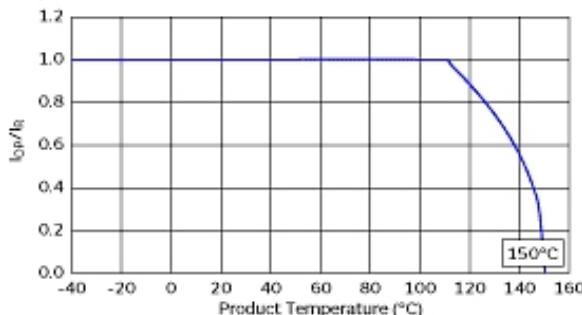
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## Notice For General

Max. current (DC, AC) as function of product temperature (derating curve).

Derating of Rated Current



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Please download the latest datasheet of MDH6045C-101MB# from the official website of Murata Manufacturing Co., Ltd.

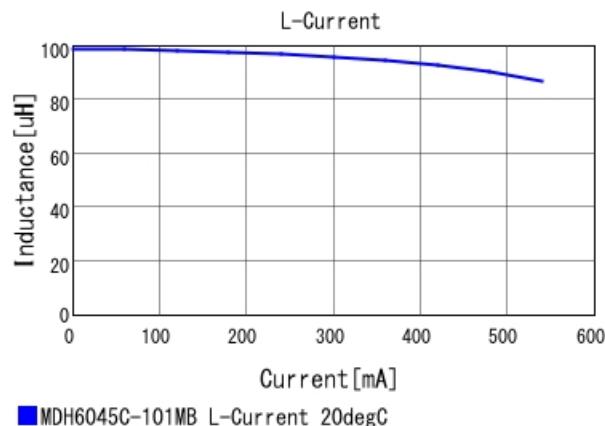
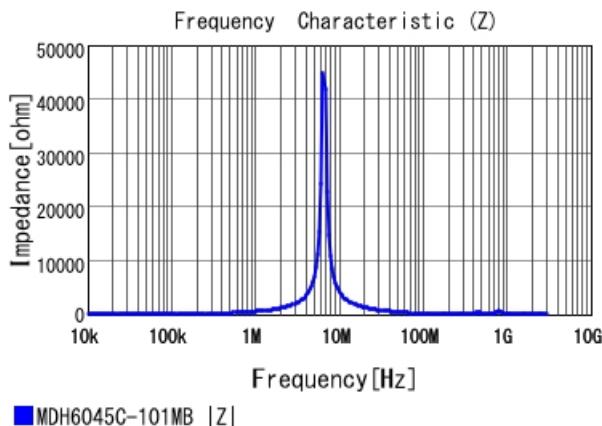
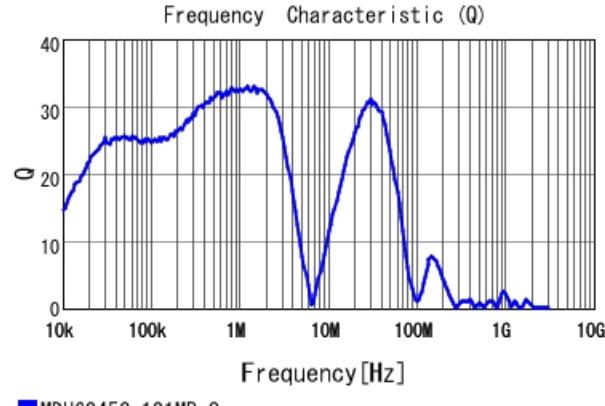
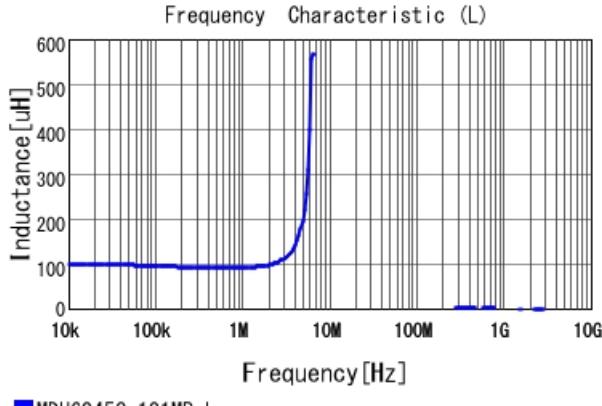
<http://www.murata.com/en-us/products/productdetail?partno=MDH6045C-101MB%23>

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## Characteristic Data

The charts below may show another part number which shares its characteristics.



### Attention

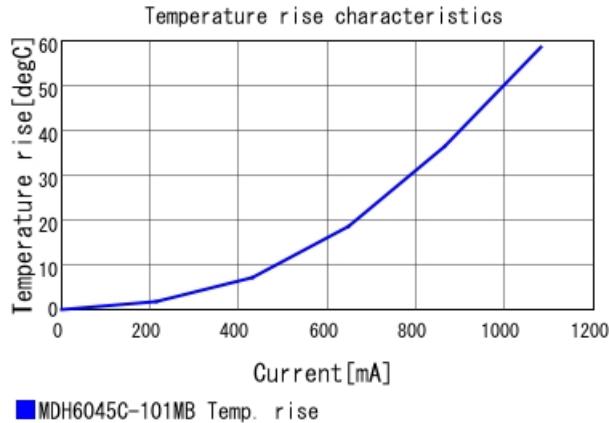
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