MBH6045C-3R3NB# "#" indicates a package specification code.















< List of part numbers with package codes > MBH6045C-3R3NB=P3

Shape





Rated current (Isat) is specified when the decrease of the initial inductance value at 10%.

Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current.

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	1000

Mass (Typ.)			
1 p	ece		0.6155g

Specifications

Inductance	3.3μH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2300mA
Rated current (Itemp) (Based on Temperature rise)	3500mA
Max. of DC resistance	0.0247Ω
Avg. of DC resistance	0.019Ω±30%
Operating temperature range (Self-temperature rise is included)	-40to150°C
Class of magnetic shield	Ferrite Core
Series	MBH6045C

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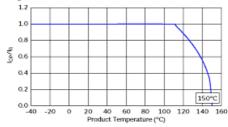


^{2.} This datasheet has only typical specifications because there is no space for detailed specifications



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

Derating of Rated Current



2 of 3



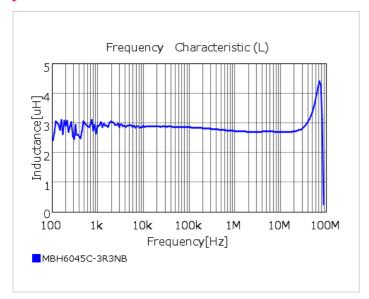
Attention

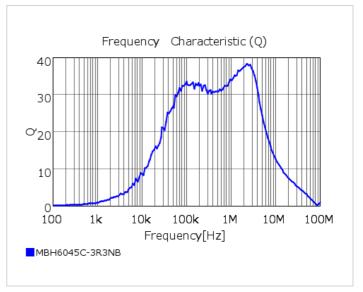
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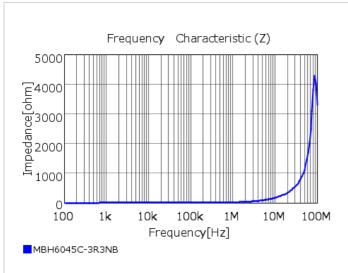
2. This datasheet has only typical specifications because there is no space for detailed specifications.

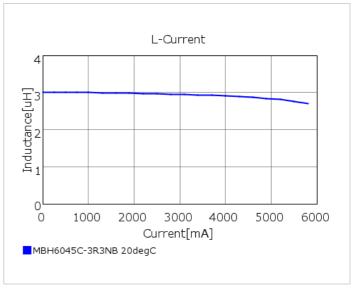
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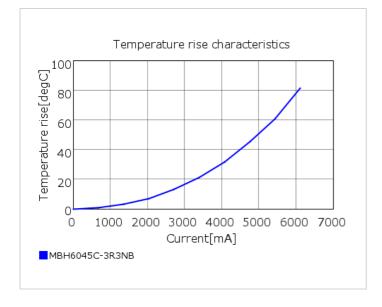












3 of 3



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