

MBH6045C-100MB# "#" indicates a package specification code.



< List of part numbers with package codes > MBH6045C-100MB=P3

Shape (in mm) 6.2 mm L size W size 6.2 mm T size 4.8 mm Size code in inch (mm) 2424 (6262)

Notes

Rated current (lsat) is specified when the decrease of the initial inductance value at 10%. (The ambient reference temperature is 25°C) Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 25°C)

References

Packaging code	Specifications	Minimum quantity
=P3	ф330mm Embossed taping	1000

Mass (Typ.)	
1 piece	0.6155g

Specifications

Inductance	10μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1200mA
Rated current (Itemp) (Based on Temperature rise)	2500mA
Max. of DC resistance	0.0456Ω
Avg. of DC resistance	0.038Ω±20%
Operating temperature range (Self-temperature rise is included)	-40~150°C
Class of magnetic shield	Ferrite Core
Series	MBH6045C

1 of 3

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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

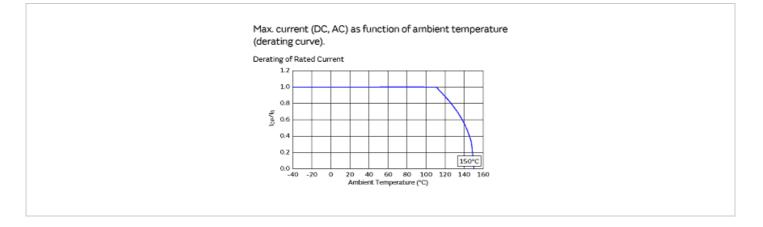
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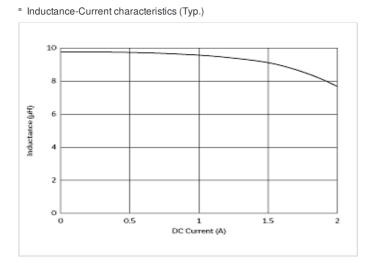


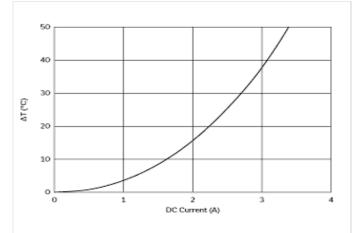


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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)





Temperature rise characteristics (Typ.)

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