

MBH7045C-220MB#

"#" indicates a package specification code.

In Production

Power-train

AEC-Q200

150 °C max.

Wound (Ferrite)

Reflow OK

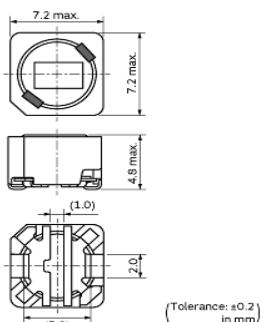
RoHS

REACH

< List of part numbers with package codes >

MBH7045C-220MB=P3

Shape



L size	7.2 mm
W size	7.2 mm
T size	4.8 mm
Size code in inch (mm)	2828 (7272)

Specifications

Inductance	22μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1400mA
Rated current (Itemp) (Based on Temperature rise)	1800mA
Max. of DC resistance	0.084Ω
Avg. of DC resistance	0.070Ω ±20%
Operating temperature range (Self-temperature rise is included)	-40°C to 150°C
Class of magnetic shield	Ferrite Core
Series	MBH7045C

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued

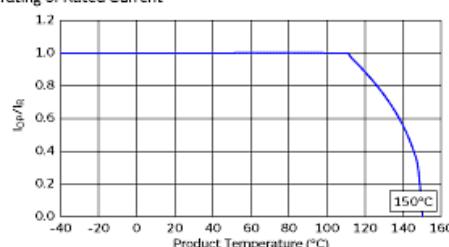
without advance notice. Please check with our sales representatives or product engineers before ordering.

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

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

Derating of Rated Current



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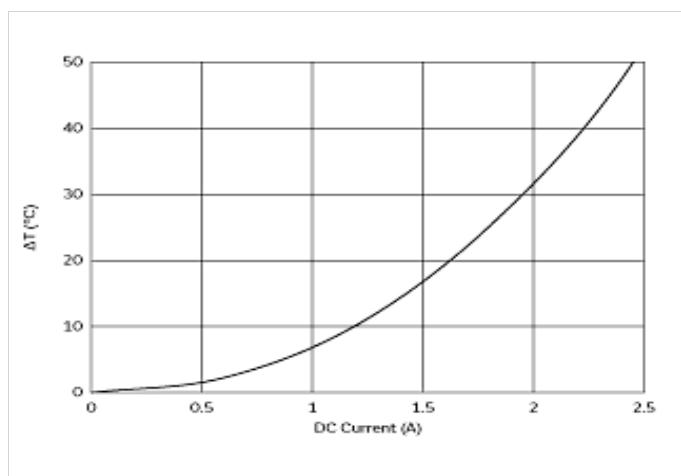
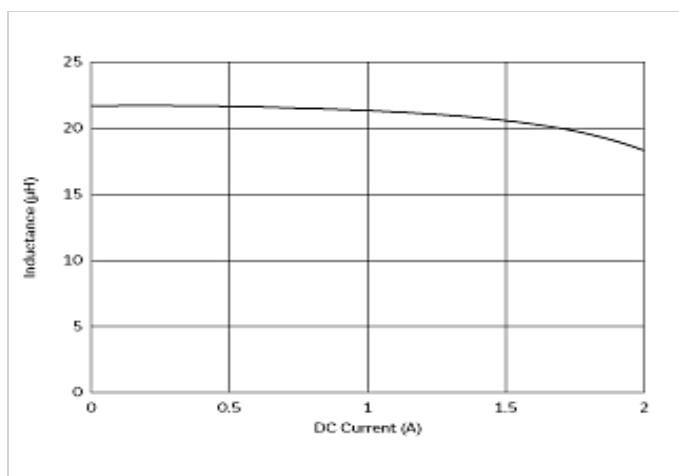
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)

■ Temperature rise characteristics (Typ.)



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