

MDH7045C-680MA#

“#” indicates a package specification code.

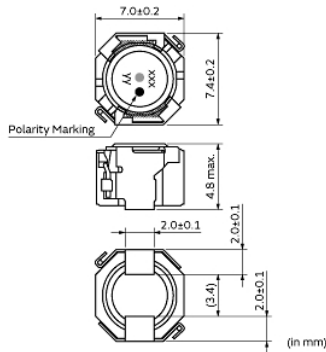
Superior vibration proof capability



< List of part numbers with package codes >

MDH7045C-680MA=P3

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000
Mass (typ.)		
1 piece		0.75g

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.

Attention

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

L size	7.4±0.2mm
W size	7.0±0.2mm
T size	4.5±0.3mm
Size code inch (mm)	2928 (7470)
Inductance	68μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	960mA
Rated current (Itemp) (Based on Temperature rise)	880mA
Max. of DC resistance	0.26Ω
Operating Temperature Range (Self-temperature rise is included)	-55°C to 150°C
Class of magnetic shield	Ferrite Core
Brand	Murata
DC Resistance Intermediate Values	0.20Ω±30%
Series	MDH7045C

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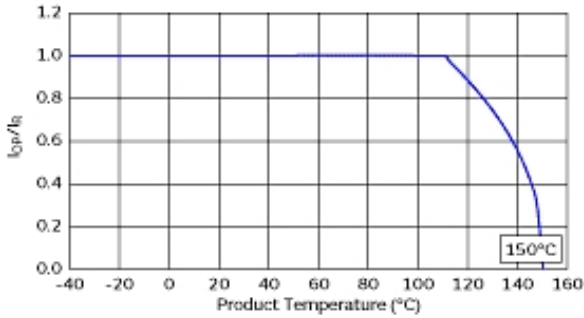
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Notice For General

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

Derating of Rated Current



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