

DFEH10040D-6R8M#

“#” indicates a package specification code.



Specifications

L size	10.9±0.3mm
W size	10.0±0.3mm
T size	4.0mm
Size code inch (mm)	4339 (109100)
Inductance	6.8μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	6500mA
Rated current (Itemp) (Based on Temperature rise)	6400mA
Max. of DC resistance	0.023Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 155°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	50Vdc
Brand	Murata
Series	DFEH10040D

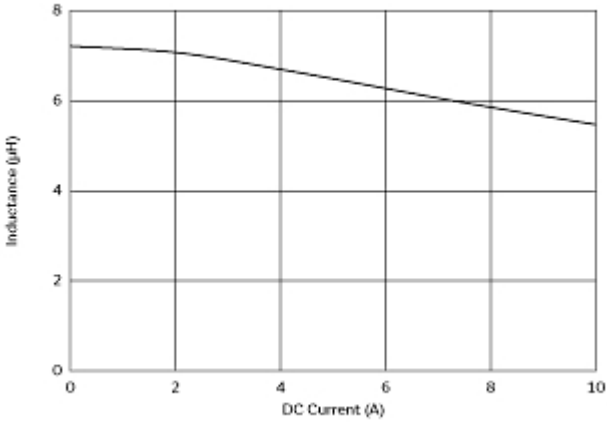
Attention

- 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.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

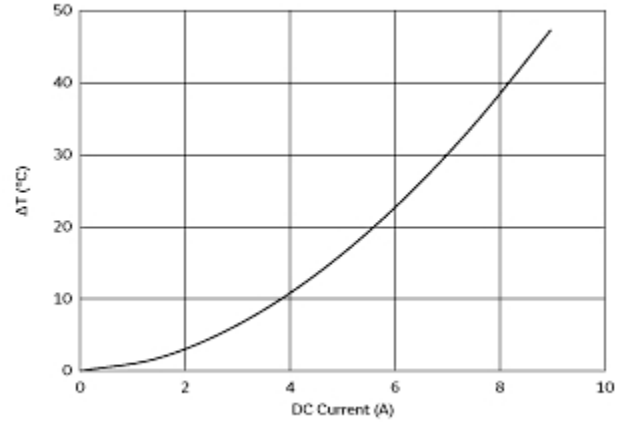
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Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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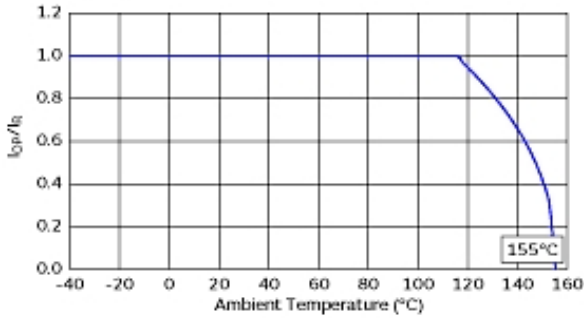
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Notice For General

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

Derating of Rated Current



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