

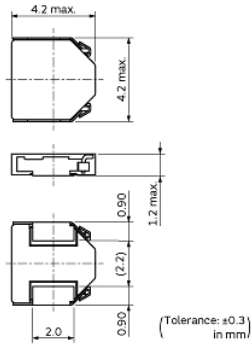
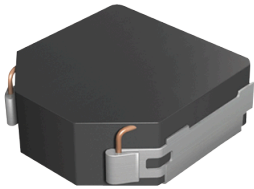
# FDSD0412-H-4R7M#

“#” indicates a package specification code.



< List of part numbers with package codes >  
FDSD0412-H-4R7M=P3

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	4000

Mass (typ.)	
1 piece	0.097g

## Notices

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%. Rated current (I<sub>temp</sub>) is specified when temperature of the inductor 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.  
 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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## Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	1.2mm
Size code inch (mm)	1515 (4040)
Inductance	4.7μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2500mA
Rated current (Itemp) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.161Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Brand	Murata
Series	FDSD0412

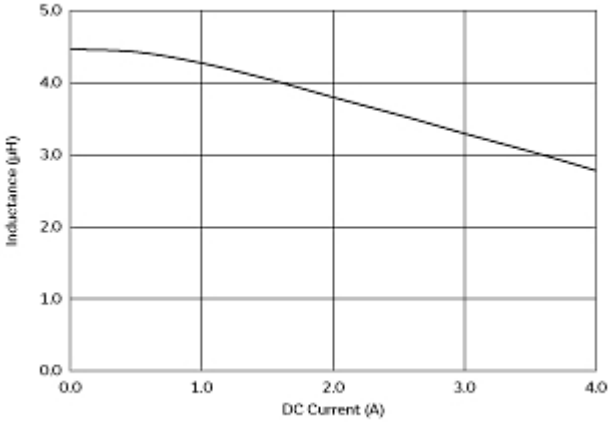
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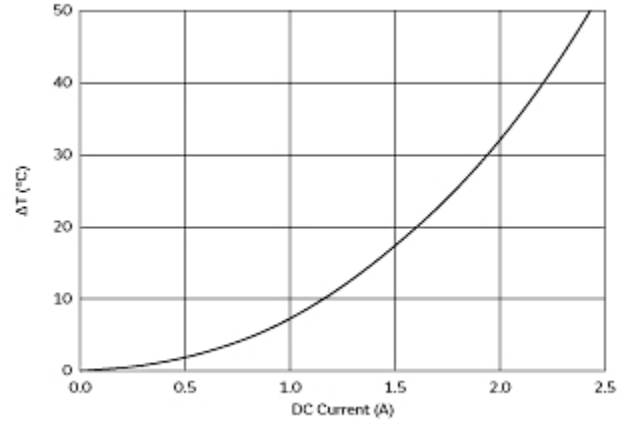
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## Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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