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FDSD0415-H-1R0M#

"#"at the end indicates the package specification code.

Discontinued | RoHS | REACH | 125 °C max. | Wound (Metal) | Reflow OK

< List of part numbers with package codes >

FDSD0415-H-1R0M=P3

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Notices

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

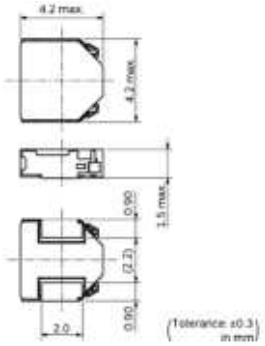
References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	4000

Mass (typ.)	
1 piece	0.12g

Appearance & Shape





Attention
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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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FDSD0415-H-1R0M#

"#"at the end indicates the package specification code.

Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	1.5mm
Size code inch (mm)	1515 (4040)
Inductance	1μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	5300mA
Rated current (Itemp) (Based on Temperature rise)	4500mA
Max. of DC resistance	0.041Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Shielded（Metal Alloy）
Absolute maximum voltage	30Vdc
Brand	Murata
Series	FDSD0415

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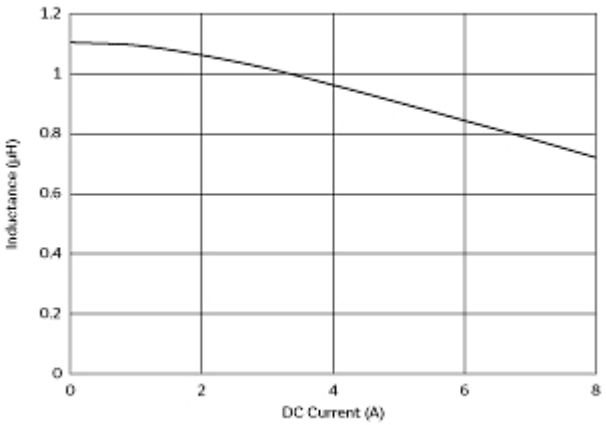
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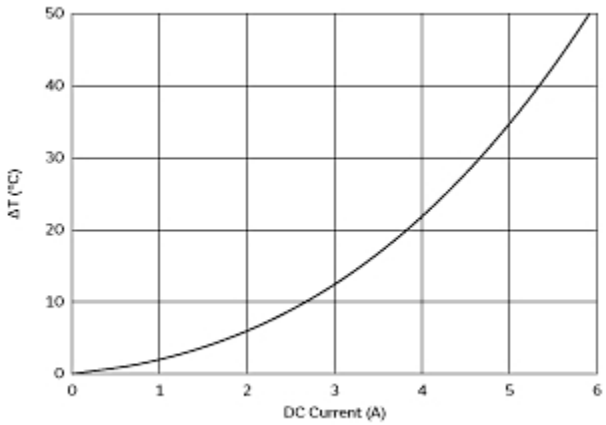
FDSD0415-H-1R0M#

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Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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