

FDSD0420-H-100M#

Please download the latest datasheet of FDSD0420-H-100M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=FDSD0420-H-100M%23

Note: This datasheet may be out of date.

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

Discontinued











< List of part numbers with package codes > FDSD0420-H-100M=P3



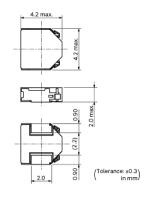
Applications

Please be sure to read and comply with	
these "Precautions for use."	
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.	
Canaumar aquinment	
Consumer equipment	



Appearance & Shape







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	2000

Mass (typ.)		
1	piece	0.164g

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Attentior

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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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Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	2.0mm
Size code inch (mm)	1515 (4040)
Inductance	10μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2500mA
Rated current (Itemp) (Based on Temperature rise)	1700mA
Max. of DC resistance	0.2Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Shielded (Metal Alloy)
Absolute maximum voltage	30Vdc
Brand	Murata
Series	FDSD0420

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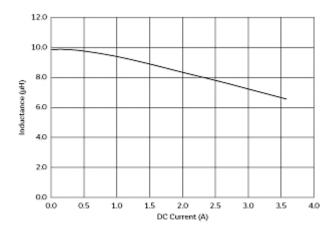
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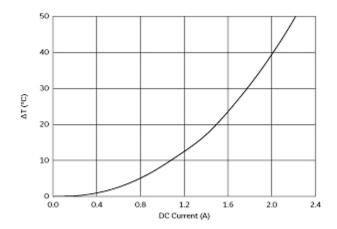
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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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