

FDSD0420-H-6R8M#

Discontinued RoHS REACH 125 Wound (Metal)

< List of part numbers with package codes > FDSD0420-H-6R8M=P3



Applications

Unsuitable	Please be sure to read and comply with	
Applications	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	
Specific	Please refer to Our Website and	
Applications	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	Consumer equipment	
Applications	Consumer equipment	

Appearance & Shape



Notices

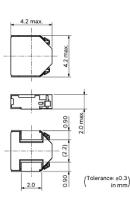
Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)		
1 piece	0.164g	





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Attention

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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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http://www.murata.com/en-gb/products/productdetail?partno=FDSD0420-H-6R8M%23

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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	6.8µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2700mA
Rated current (Itemp) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.15Ω
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	FDSD0420

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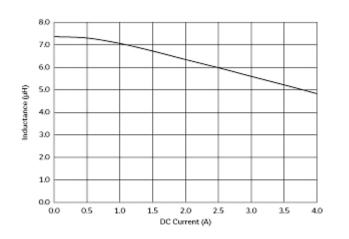
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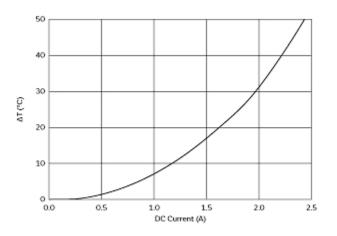
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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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