

Note: This datasheet may be out of date. Please download the latest datasheet of FDV0530-H-R56M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=FDV0530-H-R56M%23

"#" indicates a package specification code.

FDV0530-H-R56M#

RoHS

< List of part numbers with package codes >

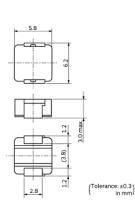
REACH

FDV0530-H-R56M=P3



General





(Metal)



Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000

Mass (typ.)		
1 piece	0.58g	



Rated current (Isat) is specified when the decrease of the initial inductance value at 20%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

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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.

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Specifications

L size	6.2±0.3mm
W size	5.8±0.3mm
T size	3.0mm
Size code inch (mm)	2423 (6258)
Inductance	0.56µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	11300mA
Rated current (Itemp) (Based on Temperature rise)	11100mA
Max. of DC resistance	0.0063Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Brand	Murata
Series	FDV0530

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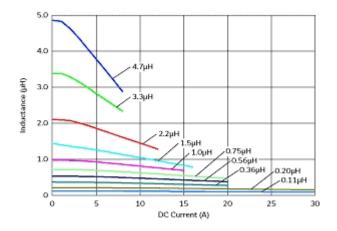
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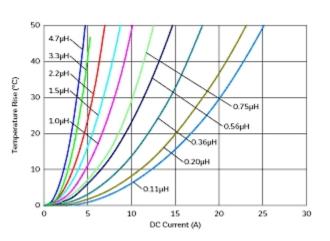
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Characteristic Data

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Impedance - Current Characteristics

Temperature Increase Characteristic

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