

Product Search Data Sheet

1231AS-H-2R2M#

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Please download the latest datasheet of 1231AS-H-2R2M# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=1231AS-H-2R2M%23

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



< List of part numbers with package codes > 1231AS-H-2R2M=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		



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.



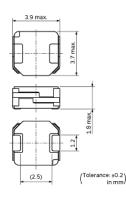
Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)		
1 piece	0.0953g	



Appearance & Shape





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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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Specifications

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L size	3.7±0.2mm
W size	3.5±0.2mm
T size	1.8mm
Size code inch (mm)	1514 (3735)
Inductance	2.2µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1900mA
Rated current (Itemp) (Based on Temperature rise)	2550mA
Max. of DC resistance	0.048Ω
DC resistance	0.040Ω+20%/-30%
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	DEM3518C

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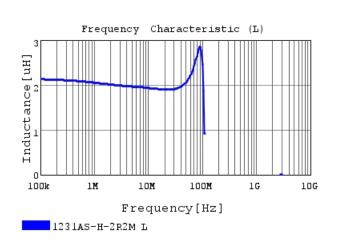
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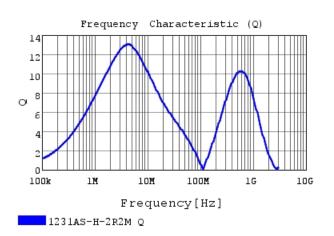
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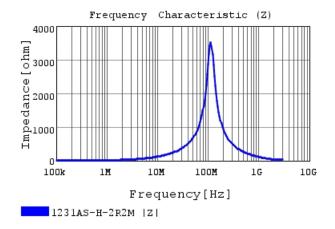
Characteristic Data

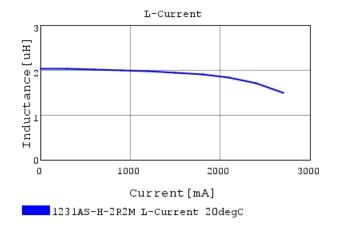
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The charts below may show another part number which shares its characteristics.









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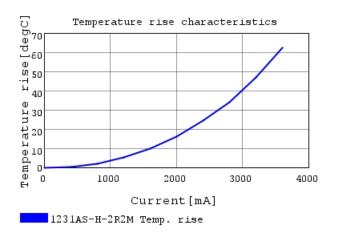
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