

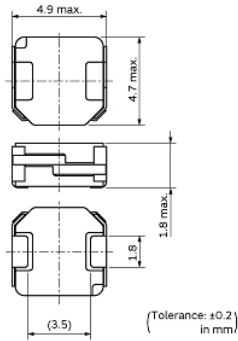
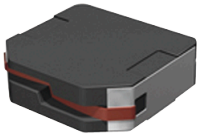
1235AS-H-1R8N#

“#” indicates a package specification code.



< List of part numbers with package codes >
1235AS-H-1R8N=P3

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.168g

Notices

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. Rated current (I_{temp}) is specified when temperature of the inductor is raised 40°C by DC current.

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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Specifications

L size	4.7±0.2mm
W size	4.5±0.2mm
T size	1.8mm
Size code inch (mm)	1818 (4745)
Inductance	1.8μH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3000mA
Rated current (Itemp) (Based on Temperature rise)	2700mA
Max. of DC resistance	0.056Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Brand	Murata
DC Resistance Intermediate Values	0.047Ω+20%/-30%
Series	DEM4518C

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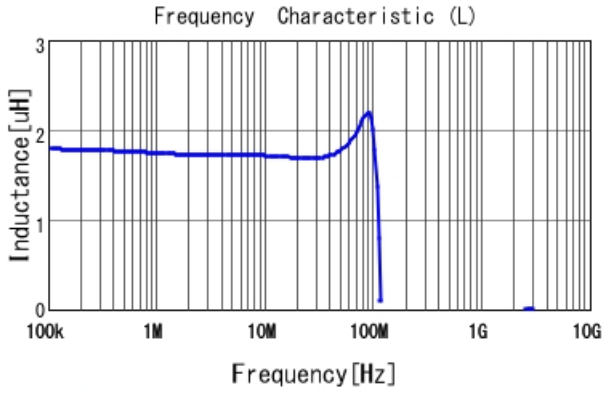
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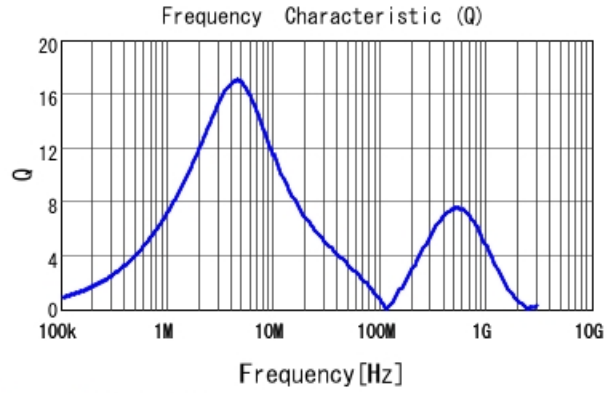


Characteristic Data

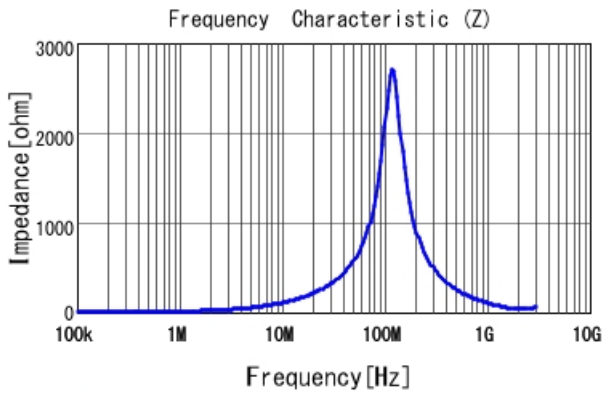
The charts below may show another part number which shares its characteristics.



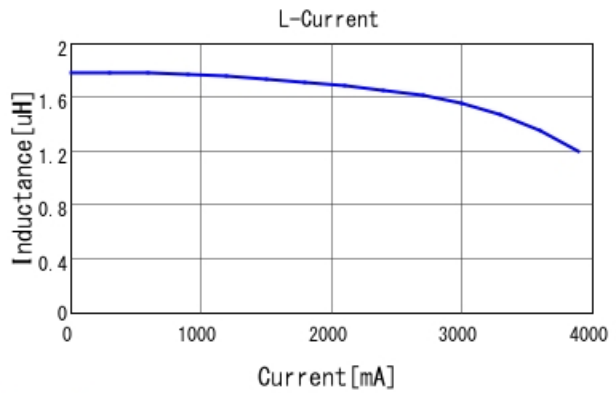
1235AS-H-1R8N L



1235AS-H-1R8N Q



1235AS-H-1R8N |Z|



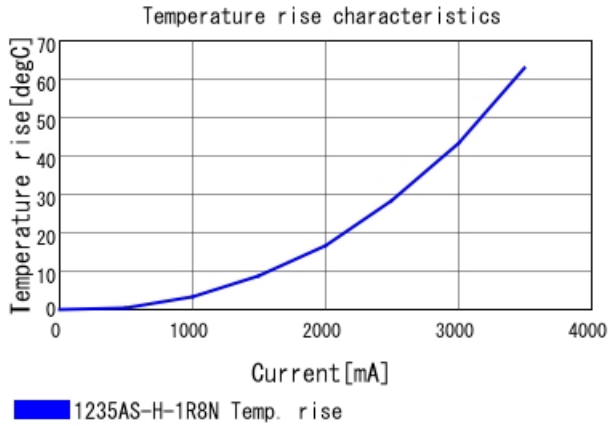
1235AS-H-1R8N L-Current 20degC

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