

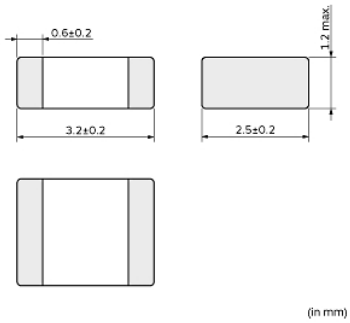
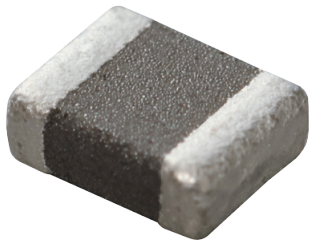
1277AS-H-100M#

“#” indicates a package specification code.



< List of part numbers with package codes >
1277AS-H-100M=P2

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
=P2	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.0448g

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	3.2±0.2mm
W size	2.5±0.2mm
T size	1.2mm
Size code inch (mm)	1210 (3225)
Inductance	10μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1200mA
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.42Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20Vdc
Brand	Murata
Series	DFE322512C

Attention

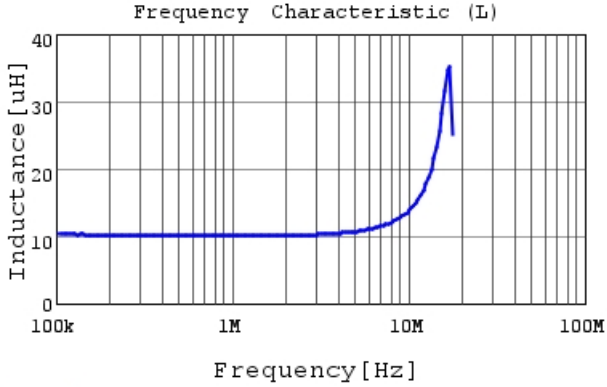
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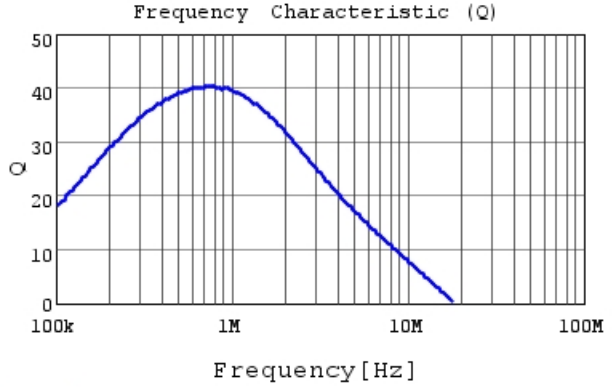
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Characteristic Data

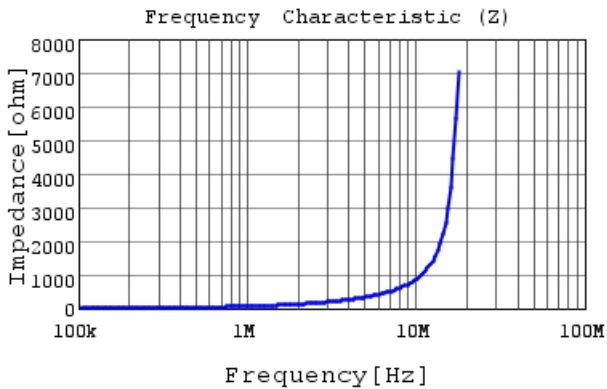
The charts below may show another part number which shares its characteristics.



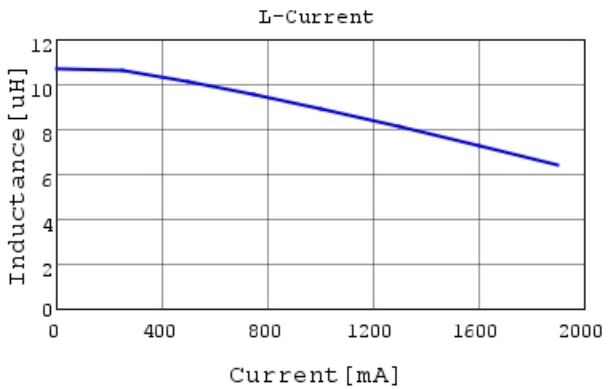
1277AS-H-100M L



1277AS-H-100M Q



1277AS-H-100M |Z|



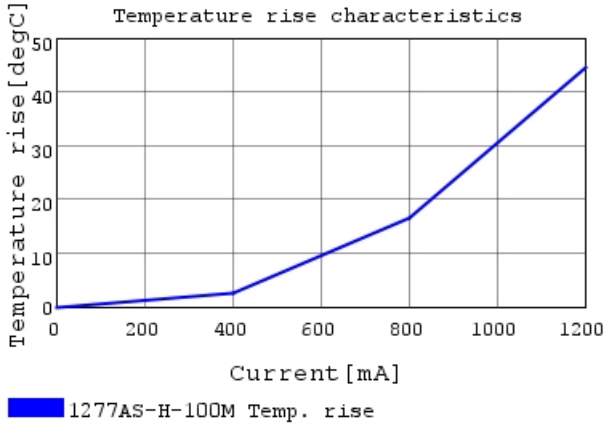
1277AS-H-100M L-Current 20degC

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