

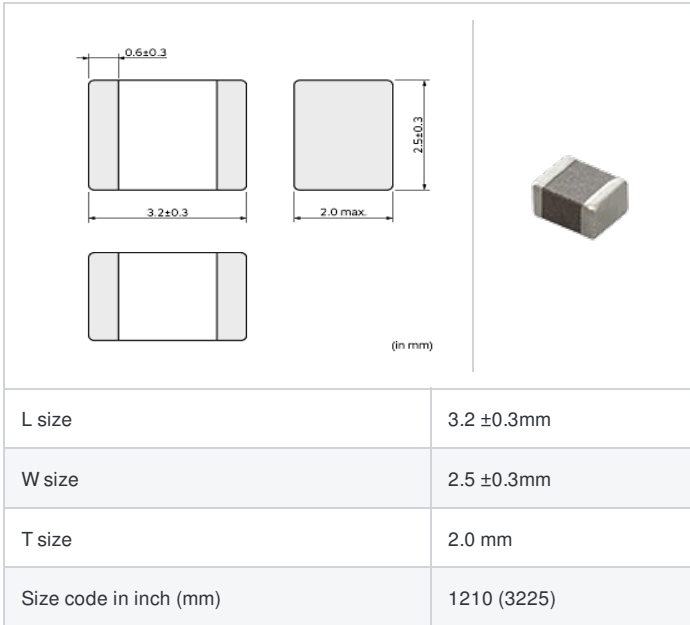
DFE322520FD-1R0M#

*# indicates a package specification code.



< List of part numbers with package codes >
DFE322520FD-1R0M=P2

Shape



Notes

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.

References

Packaging code	Specifications	Minimum quantity
=P2	φ 180mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.0913g

Specifications

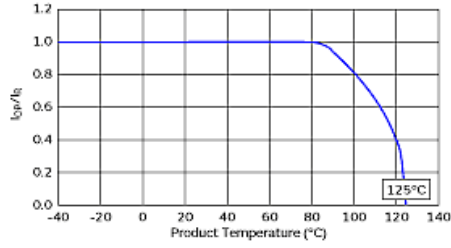
Inductance	1.0μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	7500mA
Rated current (I _{temp}) (Based on Temperature rise)	4100mA
Max. of DC resistance	0.022Ω
Operating temperature range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE322520F_D

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.

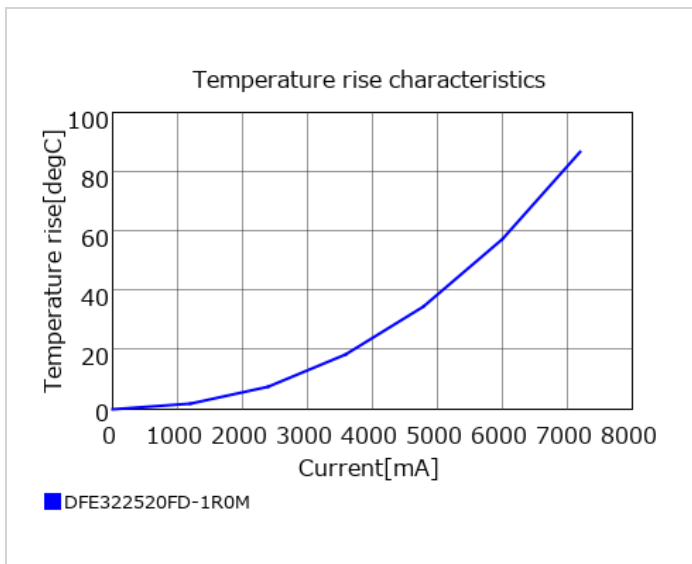
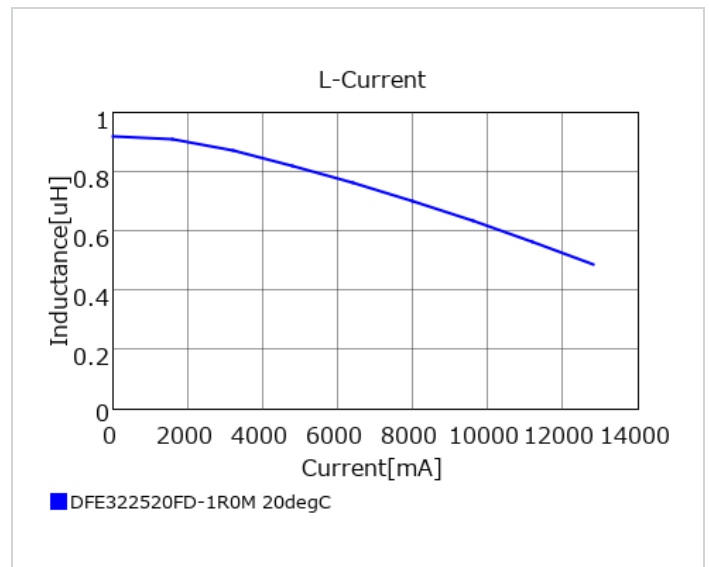
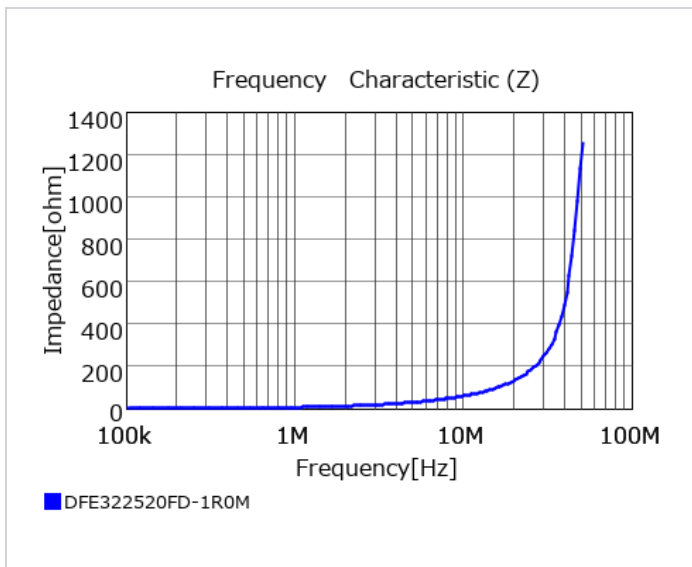
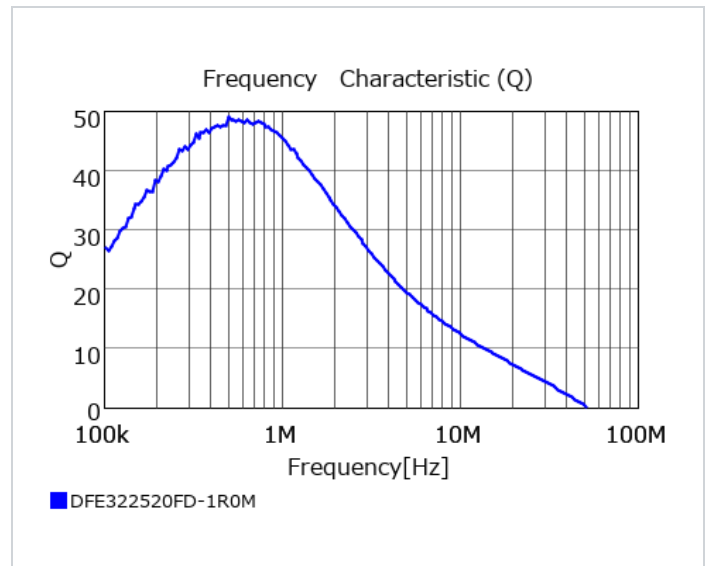
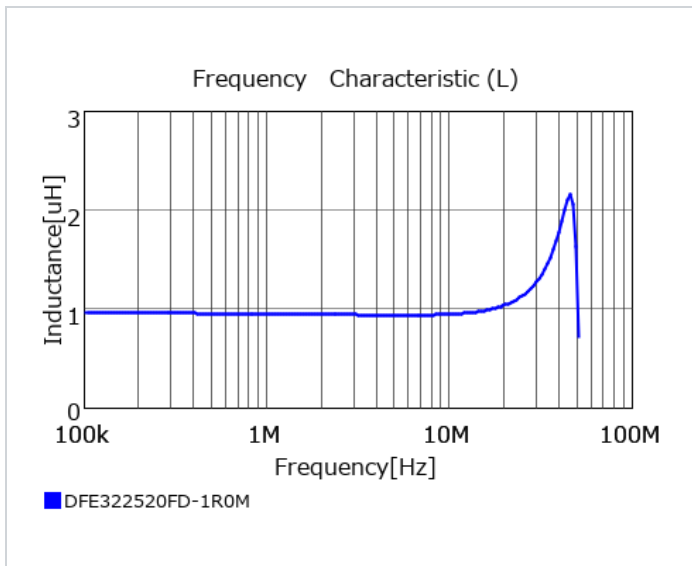
Max. current (DC, AC) as function of product temperature
(derating curve).

Derating of Rated Current



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