

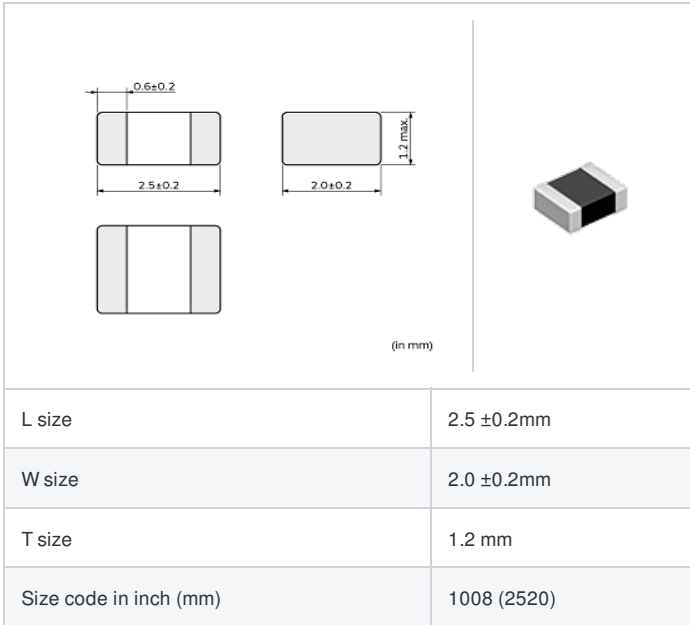
DFE252012PD-1R0M#

indicates a package specification code.



< List of part numbers with package codes >
DFE252012PD-1R0M=P2

Shape



Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

References

Packaging code	Specifications	Minimum quantity
=P2	φ 180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.0284g

Specifications

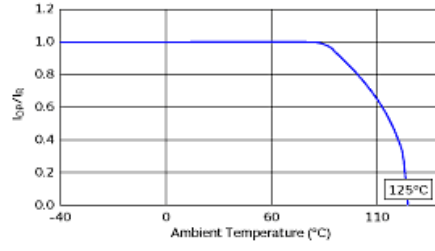
Inductance	1.0μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	3800mA
Rated current (Itemp) (Based on Temperature rise)	3200mA
Max. of DC resistance	0.042Ω
Operating temperature range (Self-temperature rise is included)	-40~125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE252012P_D

Attention

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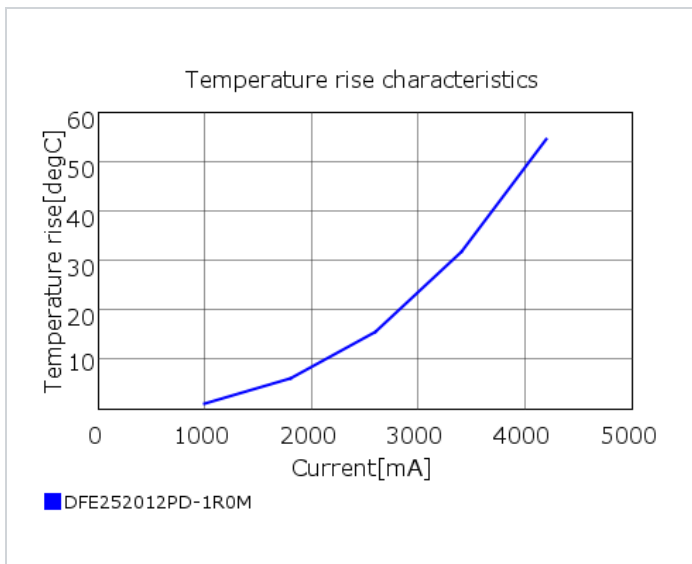
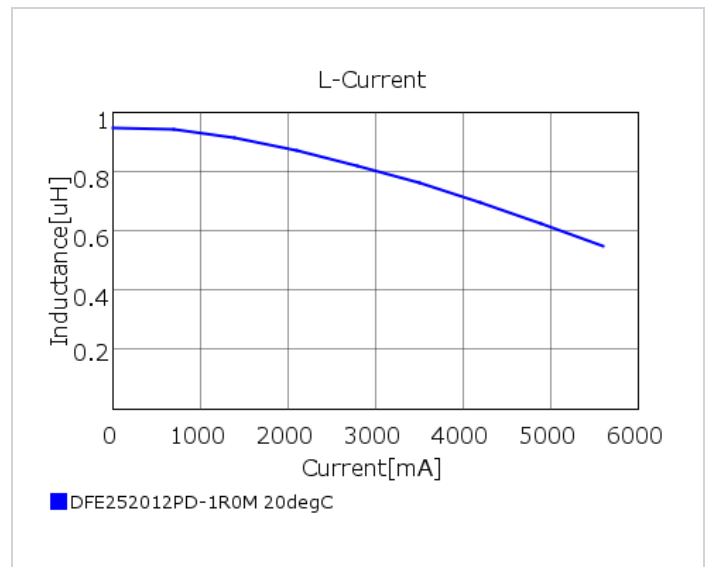
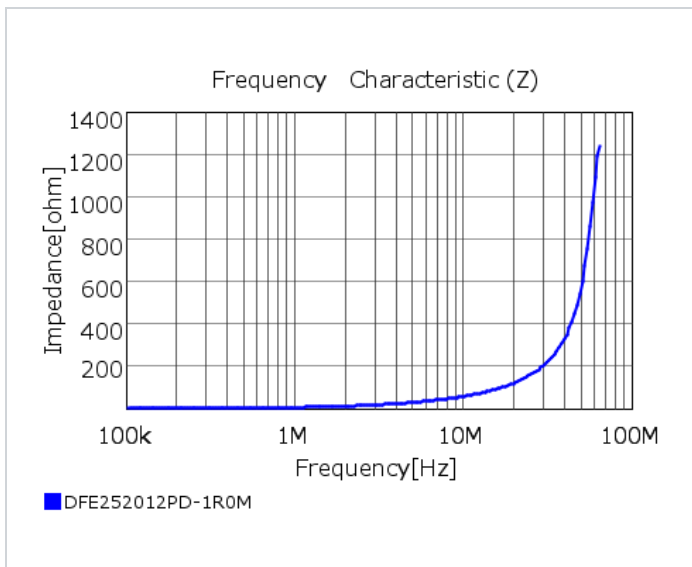
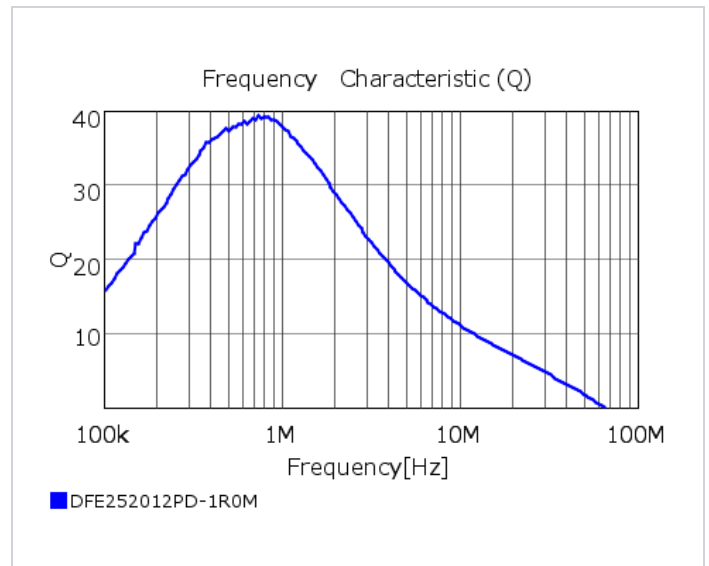
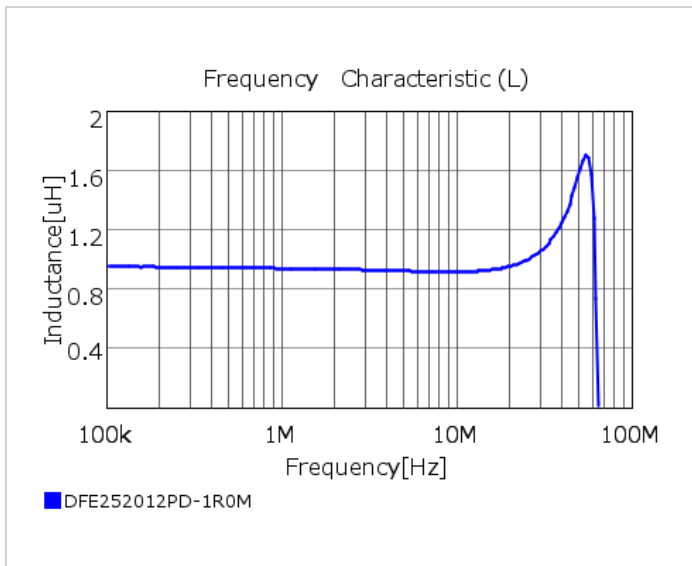
Max. current (DC, AC) as function of ambient temperature
(derating curve).

Derating of Rated Current



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