Inductor Data Sheet

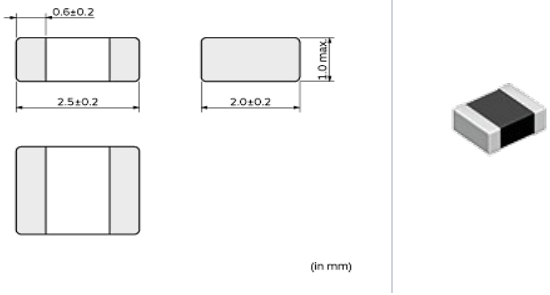
DFE252010F-2R2M#

"#" indicates a package specification code.

In Production | General | 125 °C max. | Wound (Metal) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
DFE252010F-2R2M=P2

Shape



L size	2.5 ±0.2mm
W size	2.0 ±0.2mm
T size	1.0 mm
Size code in inch (mm)	1008 (2520)

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	φ180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.0276g

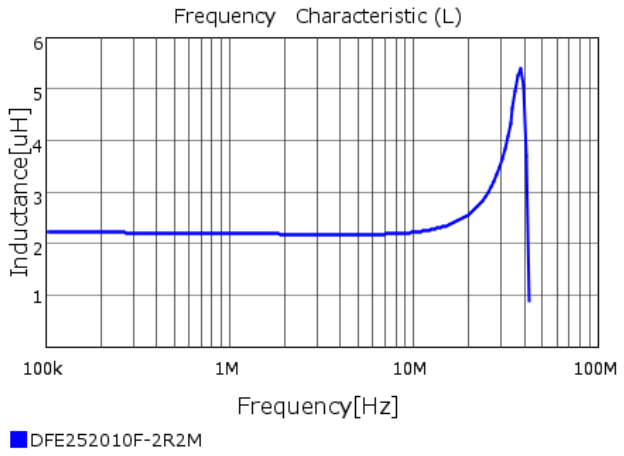
Specifications

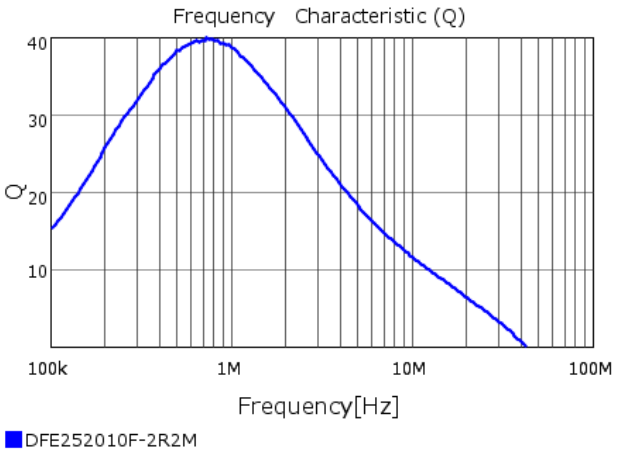
Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	3100mA
Rated current (Itemp) (Based on Temperature rise)	2300mA
Max. of DC resistance	0.097Ω
Operating temperature range (Self-temperature rise is included)	-40～125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE252010F

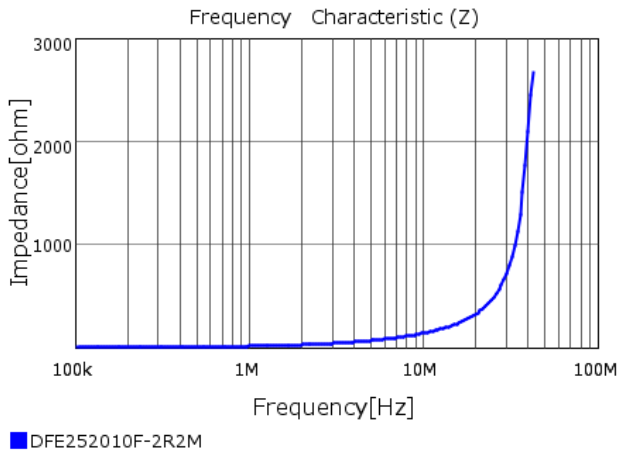
Attention

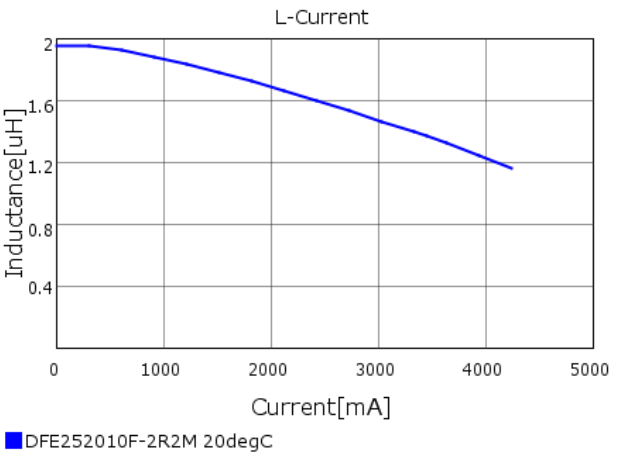
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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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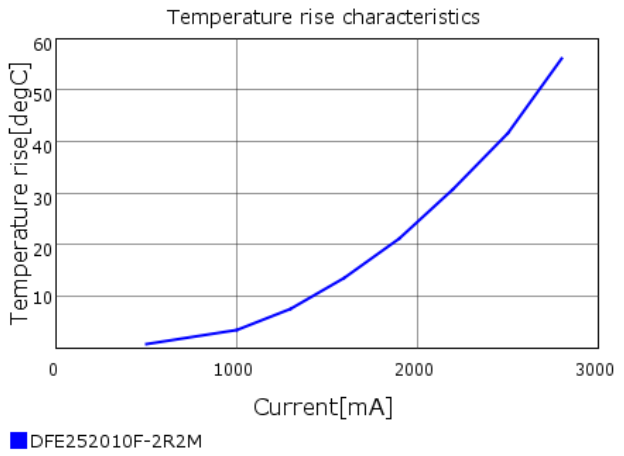
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)











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