Inductor Data Sheet

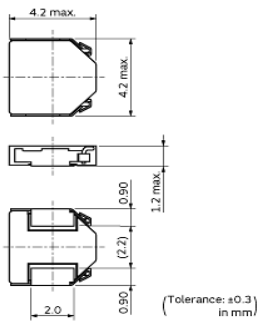
FDSD0412-H-4R7M#

"#" indicates a package specification code.

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

< List of part numbers with package codes >
FDSD0412-H-4R7M=P3

Shape



L size	4.0 ±0.2mm
W size	4.0 ±0.2mm
T size	1.2 mm
Size code in inch (mm)	1515 (4040)

Notes

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

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	4000

Mass (Typ.)	
1 piece	0.097g

Specifications

Inductance	4.7µH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2500mA
Rated current (Itemp) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.161Ω
Operating temperature range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	FDSD0412

Attention

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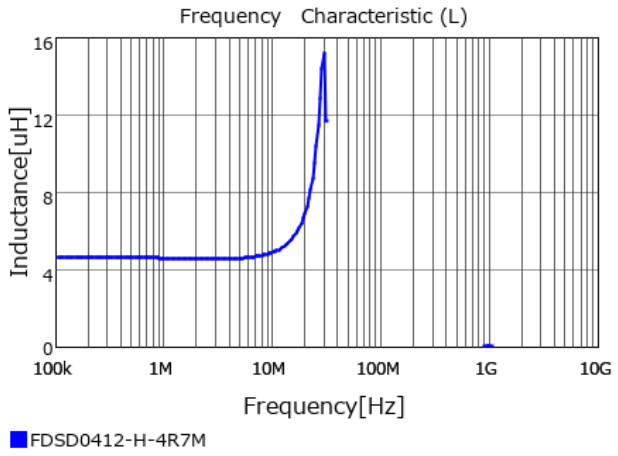
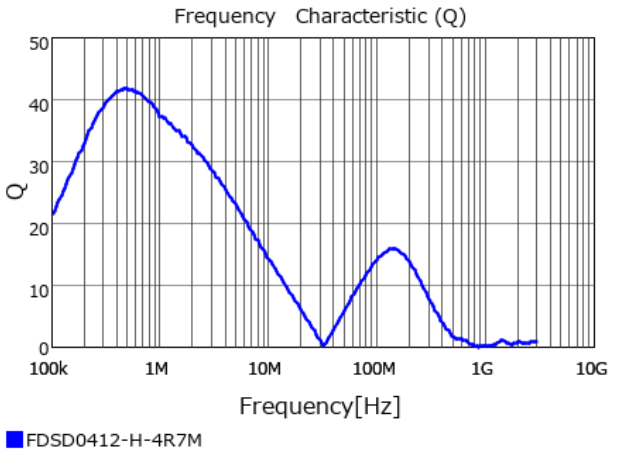
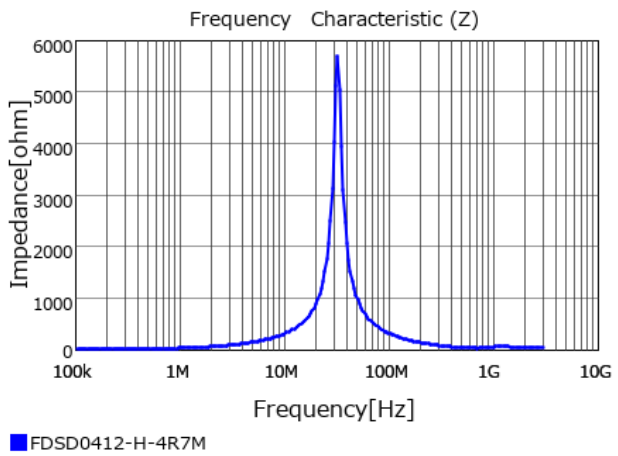
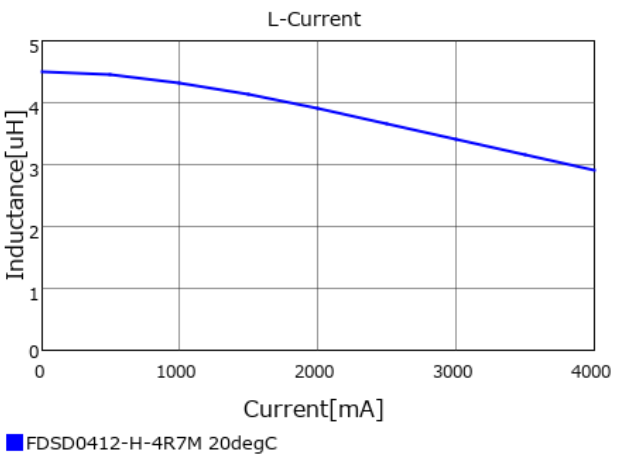
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

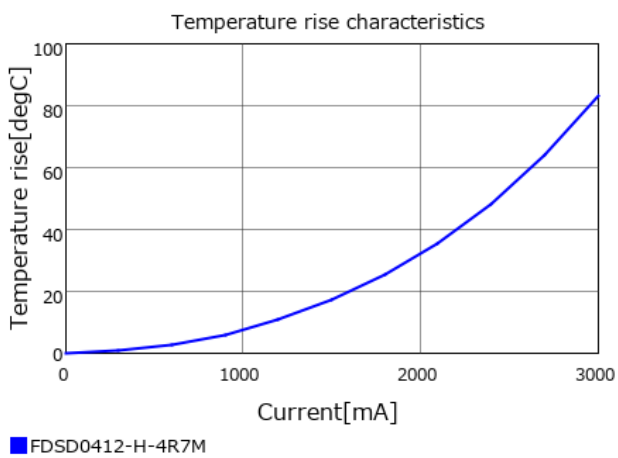
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)











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