

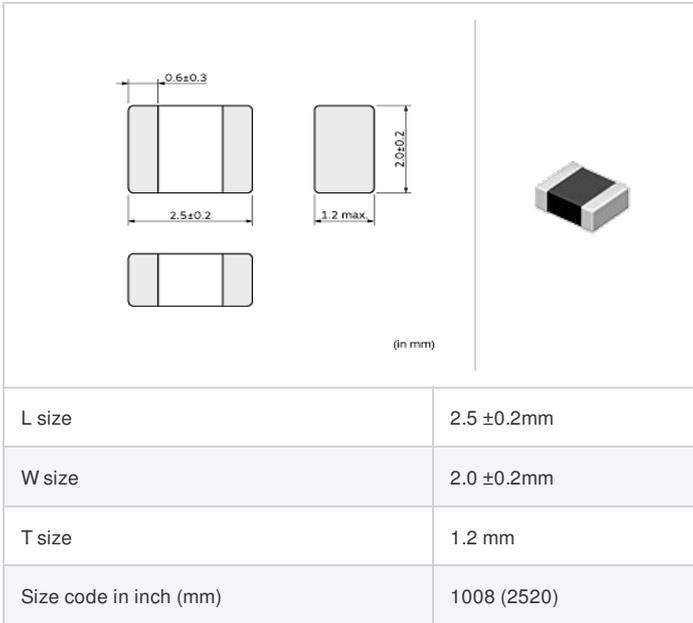
DFE2HCAHR33MJ0#

indicates a package specification code.



< List of part numbers with package codes >
DFE2HCAHR33MJ0L

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.
 Keep the temperature (ambient temperature plus self-generation of heat) under 150 °C.

References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.0324g

Specifications

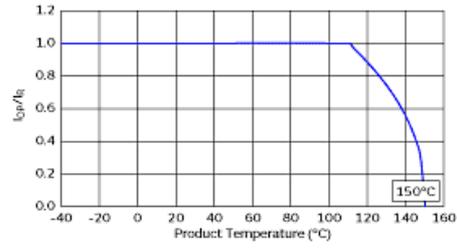
Inductance	0.33μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	5.8A
Rated current (I _{temp}) (Based on Temperature rise)	4.9A
Max. of DC resistance	0.021Ω
Operating temperature range (Self-temperature rise is included)	-40°C to 150°C
Operating temperature range (Self-temperature rise is not included)	-40°C to 110°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	DFE2HCAH_J0

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 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

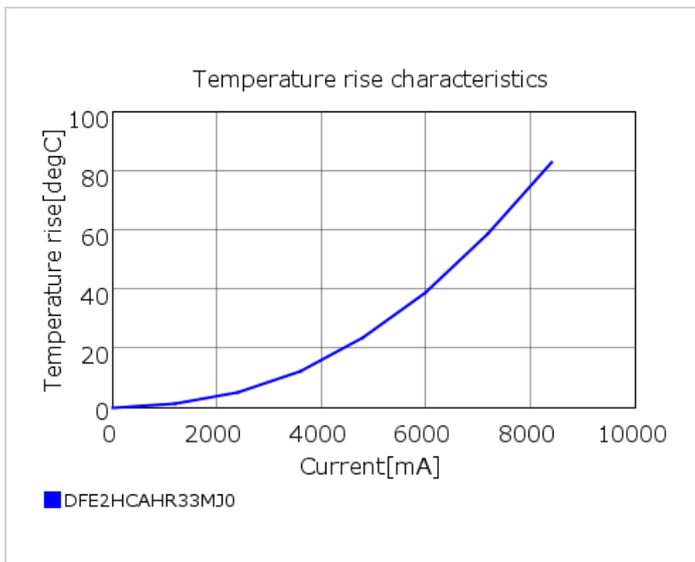
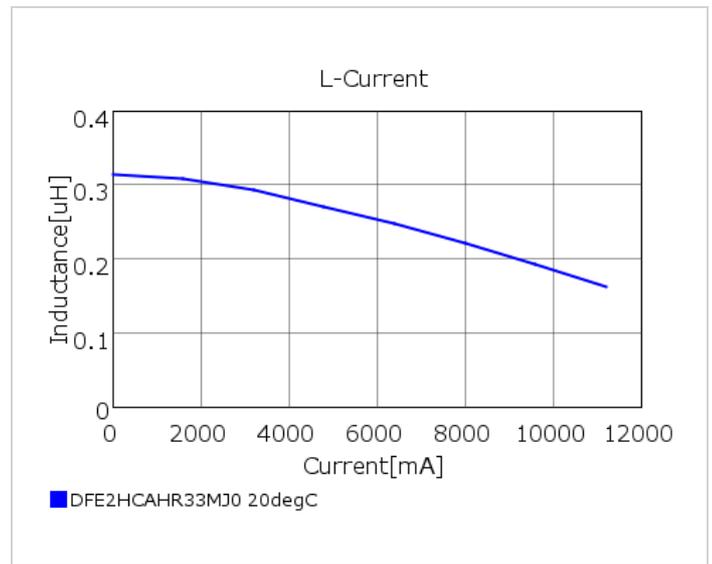
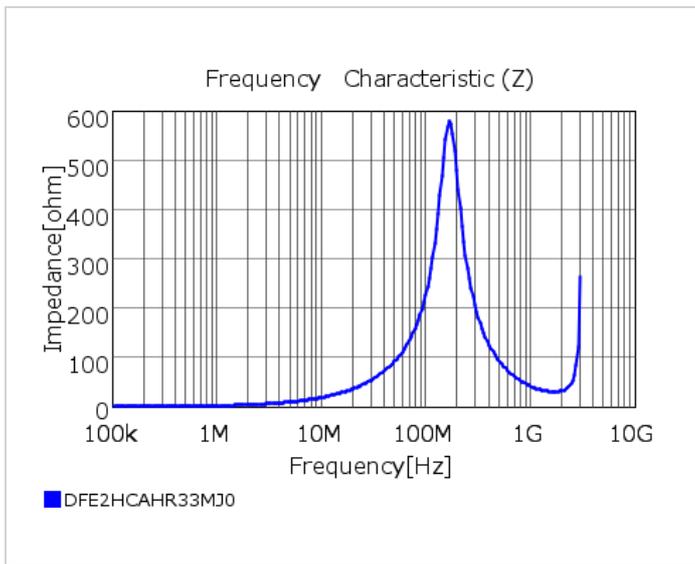
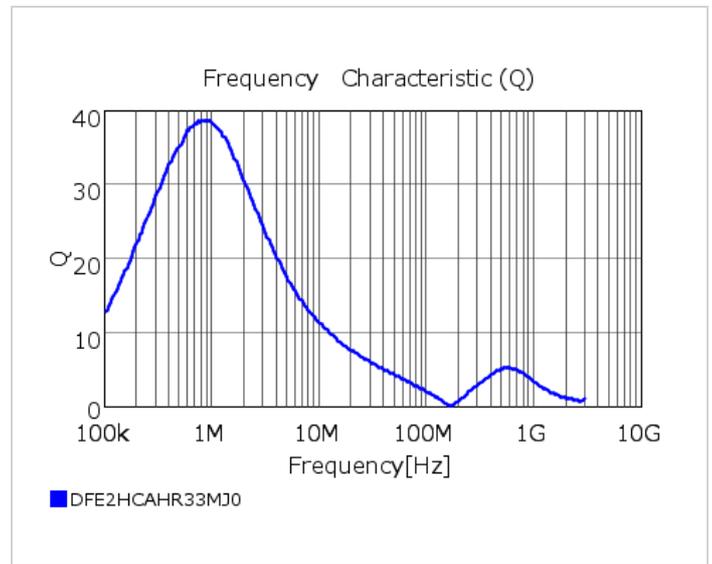
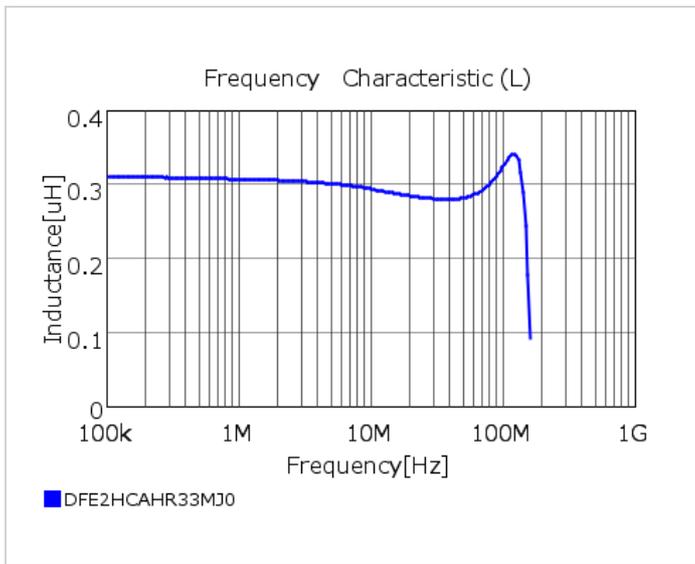


 **Attention**

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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.



Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 - 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.