

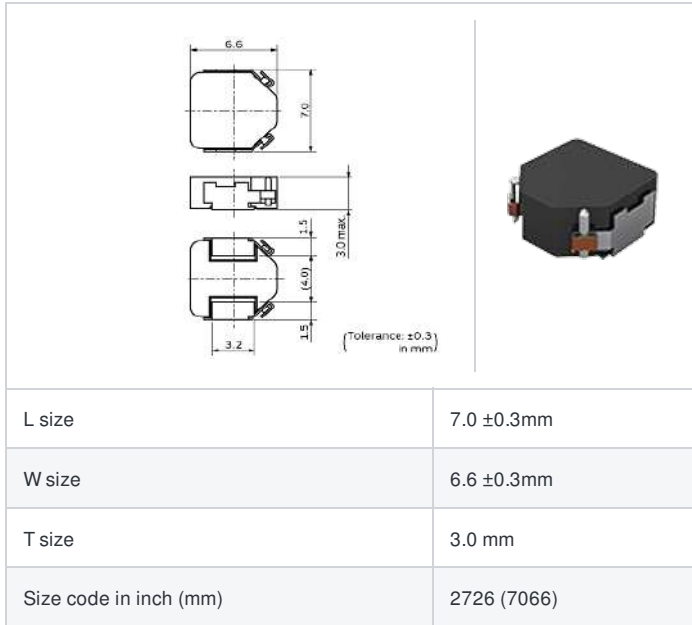
# DFEH7030D-4R7M#

# indicates a package specification code.



< List of part numbers with package codes >  
DFEH7030D-4R7M=P3

## Shape



## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 20%. (The ambient reference temperature is 25°C.)  
Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 25°C.)

## References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	1000

Mass (Typ.)	
1 piece	0.6614g

## Specifications

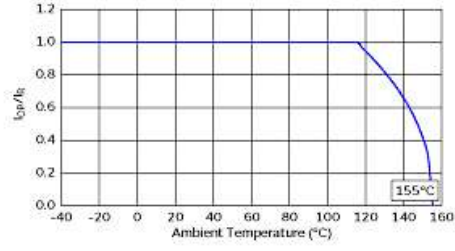
Inductance	4.7μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	4200mA
Rated current (Itemp) (Based on Temperature rise)	4200mA
Max. of DC resistance	0.0410Ω
Operating temperature range (Self-temperature rise is included)	-40~155°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	50V DC
Series	DFEH7030D

### 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.

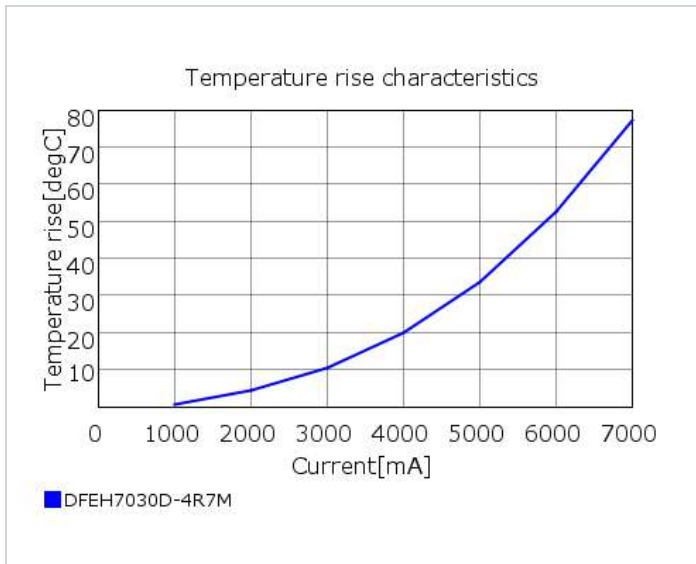
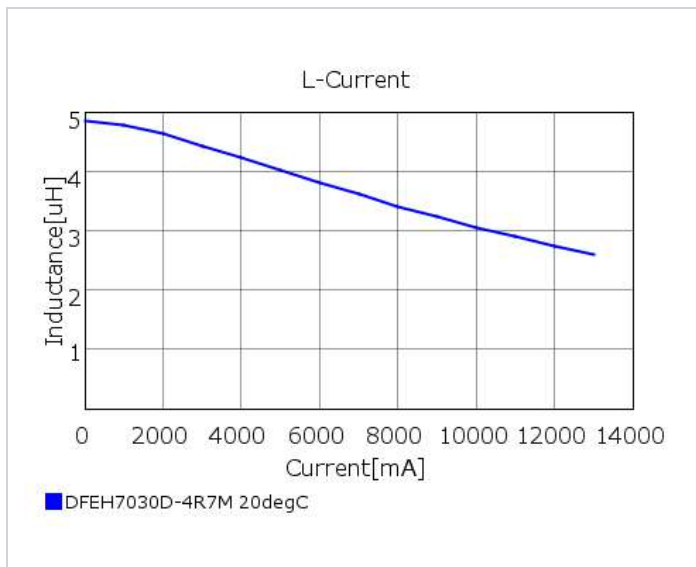
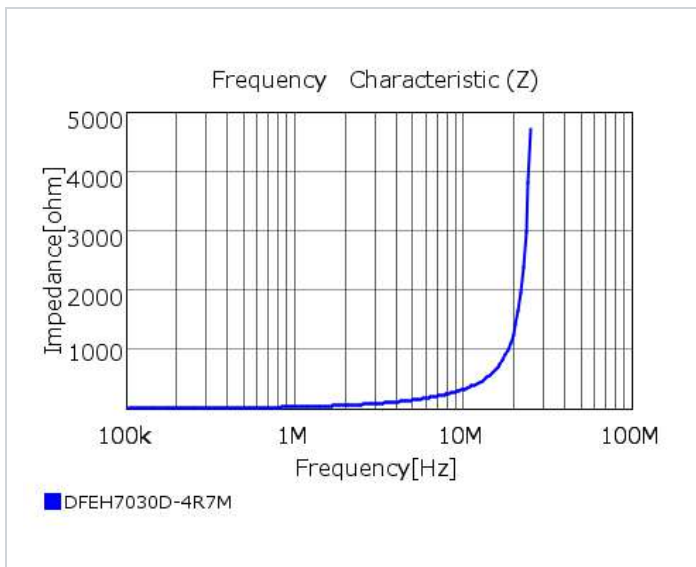
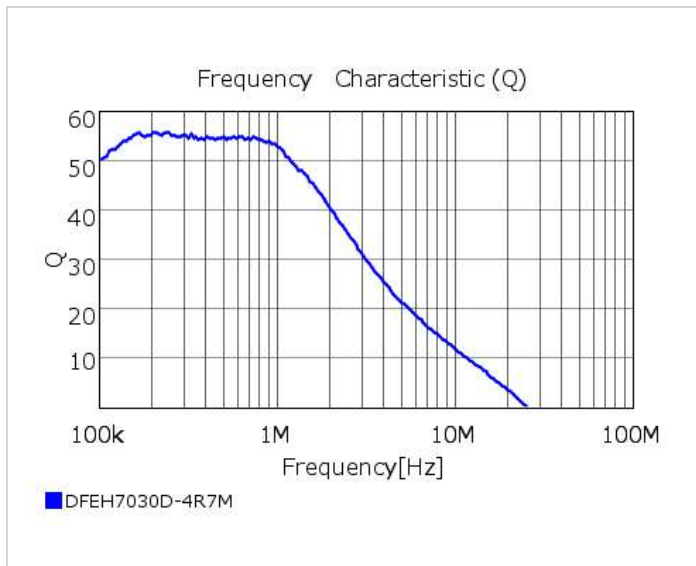
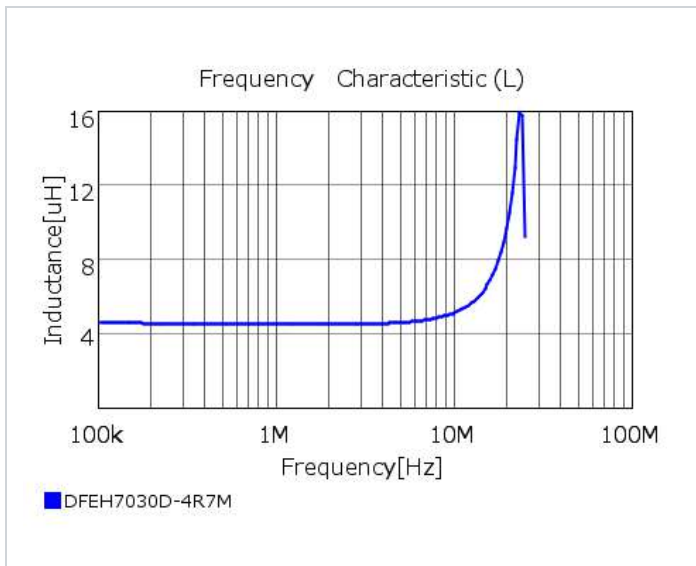
Max. current (DC, AC) as function of ambient temperature  
(derating curve).

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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murata:](#)

[DFEH7030D-4R7M=P3](#)