

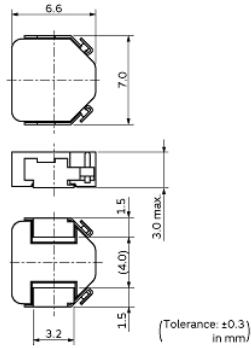
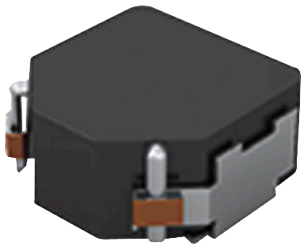
# DFEG7030D-8R2M#

“#” indicates a package specification code.



< List of part numbers with package codes >  
DFEG7030D-8R2M=P3

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000

Mass (typ.)	
1 piece	0.6614g

## Notices

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 20%. Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40°C by DC current.

### 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.

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## Specifications

L size	7.0±0.3mm
W size	6.6±0.3mm
T size	3.0mm
Size code inch (mm)	2726 (7066)
Inductance	8.2μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3200mA
Rated current (Itemp) (Based on Temperature rise)	3100mA
Max. of DC resistance	0.078Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	50Vdc
Brand	Murata
Series	DFEG7030D

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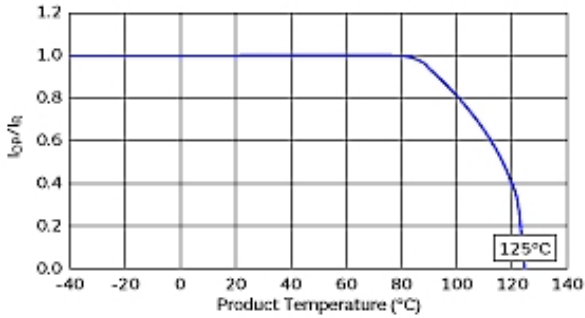
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## Notice For General

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

Derating of Rated Current



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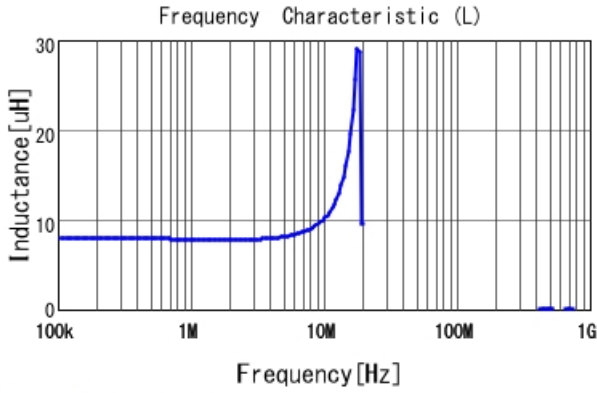
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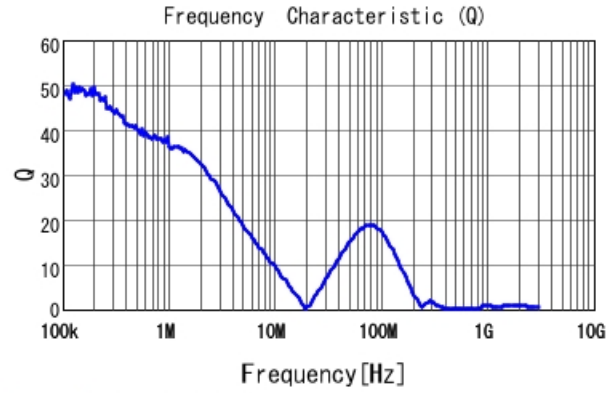


## Characteristic Data

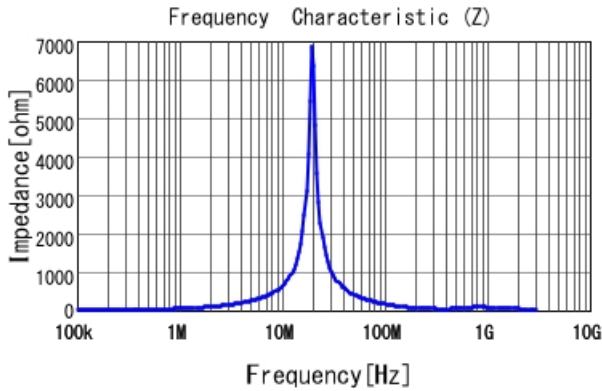
The charts below may show another part number which shares its characteristics.



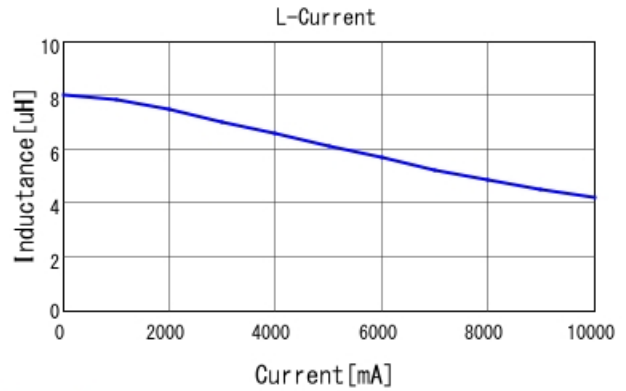
DFEG7030D-8R2M L



DFEG7030D-8R2M Q



DFEG7030D-8R2M |Z|



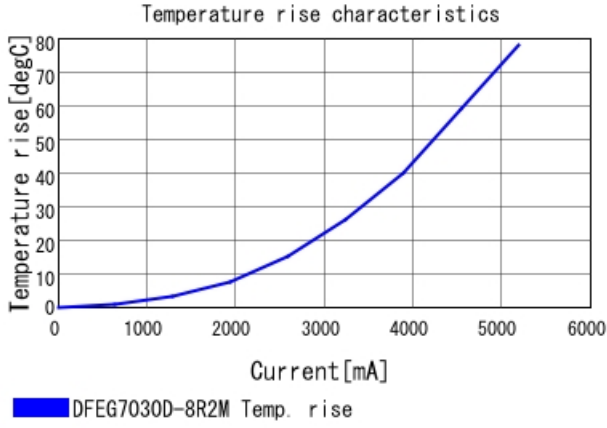
DFEG7030D-8R2M L-Current 20degC

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