

# DFE201612PD-R68M#

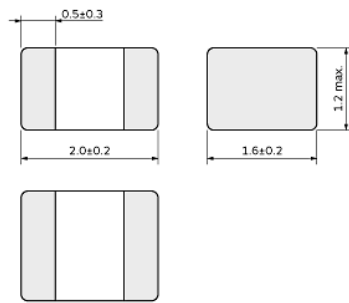
“#” indicates a package specification code.



< List of part numbers with package codes >

DFE201612PD-R68M=P2

## Appearance & Shape



(in mm)

## References

Packaging	Specifications	Minimum Order Quantity
=P2	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.0188g

## Notices

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.

**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	2.0±0.2mm
W size	1.6±0.2mm
T size	1.2mm
Size code inch (mm)	0806 (2016)
Inductance	0.68μH±20%
Inductance Test Frequency	1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	3100mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	2500mA
Max. of DC resistance	0.046Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	10Vdc
Series	DFE201612P_D

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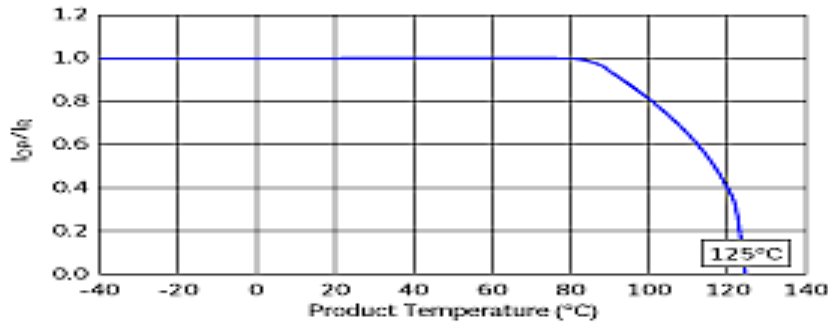
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## Notice For General

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

Derating of Rated Current



**Attention**

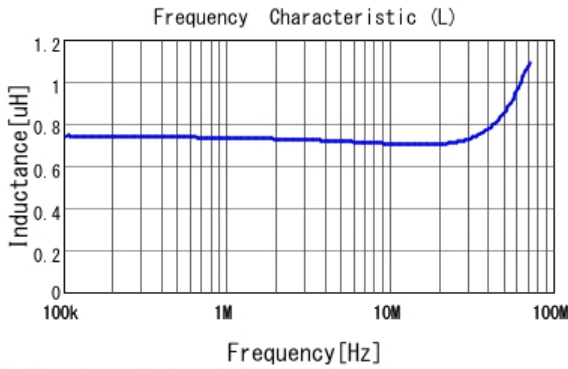
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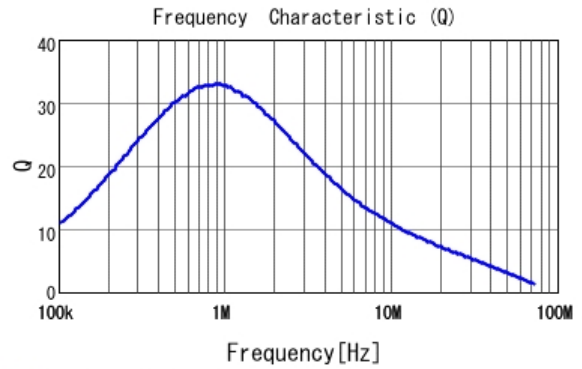
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## Characteristic Data

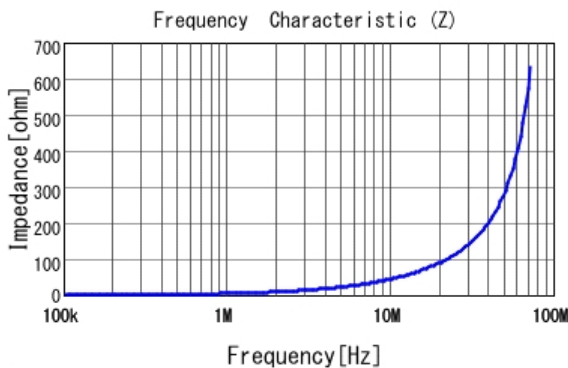
The charts below may show another part number which shares its characteristics.



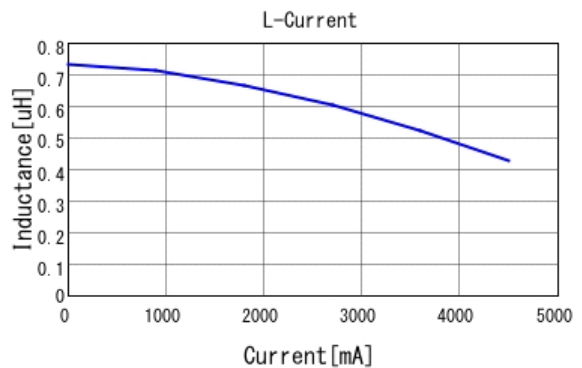
DFE201612PD-R68M L



DFE201612PD-R68M Q



DFE201612PD-R68M |Z|



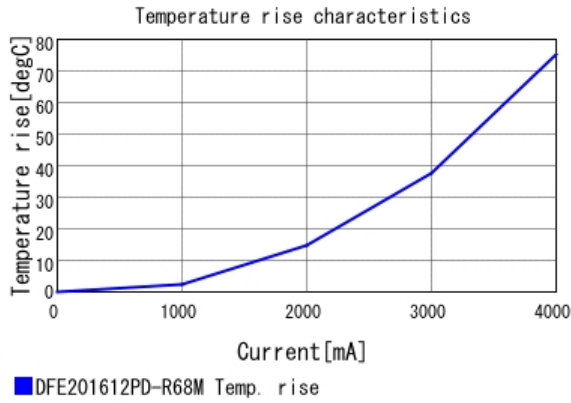
DFE201612PD-R68M L-Current 20degC

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