

DFE201612PD-2R2M#



< List of part numbers with package codes > DFE201612PD-2R2M=P2



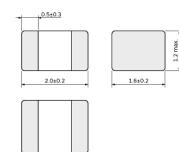
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Specific Applications	Consumer equipment,Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended	Automotive infotainment/comfort
Applications	equipment



Appearance & Shape





(in mm)

Note: This datasheet may be out of date. Please download the latest datasheet of DFE201612PD-2R2M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=DFE201612PD-2R2M%23

"#"at the end indicates the package specification code.



Notices

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.



Packaging	Specifications	Standard Packing Quantity
=P2	180Embossed Tape	3000

Mass (typ.)		
1 piece	0.0188g	



Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.





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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	2.2µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1.7A(Max.) / 2A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.2A(Max.) / 1.5A(Typ.)
Max. of DC resistance	0.172Ω
DC resistance	0.143Ω(Тур.)
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Shielded (Metal Alloy)
Absolute maximum voltage	10Vdc
Brand	Murata
Series	DFE201612P_D

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Product Search Data Sheet

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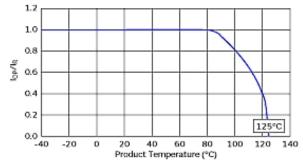
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Max. current (DC, AC) as function of product temperature (derating curve).

Derating of Rated Current



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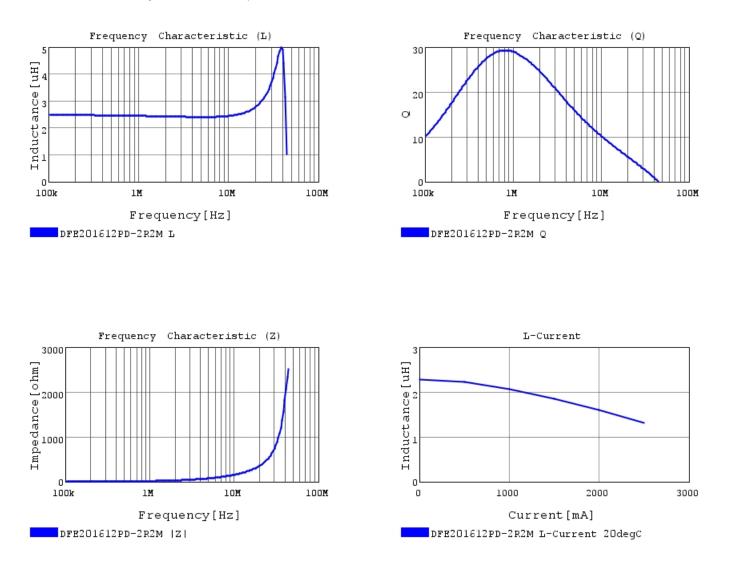
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Characteristic Data

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



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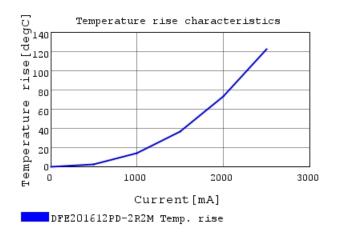
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