

Note: This datasheet may be out of date.

Please download the latest datasheet of DFE252012P-R33M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DFE252012P-R33M%23

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













< List of part numbers with package codes > DFE252012P-R33M=P2



Applications

Please be sure to read and comply with	
these "Precautions for use."	
Consumer 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.	
Canaumar aquinment	
Consumer equipment	



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.



References

Packaging	Specifications	Standard Packing Quantity
=P2	180Embossed Tape	3000

Mass (typ.)		
	1 piece	0.0284g



Appearance & Shape







(in mm)

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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	2.5±0.2mm
W size	2.0±0.2mm
T size	1.2mm
Size code inch (mm)	1008 (2520)
Inductance	0.33µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	6600mA
Rated current (Itemp) (Based on Temperature rise)	4600mA
Max. of DC resistance	0.023Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Shielded (Metal Alloy)
Absolute maximum voltage	20Vdc
Brand	Murata
Series	DFE252012P

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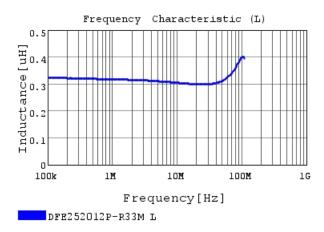
http://www.murata.com/en/products/productdetail?partno=DFE252012P-R33M%23

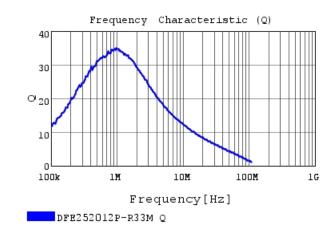
"#"at the end indicates the package specification code.

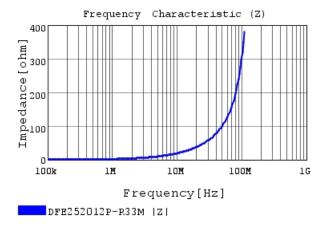


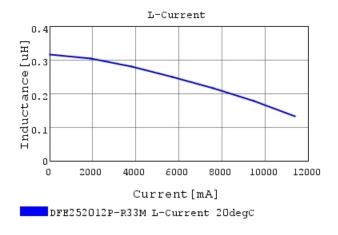
Characteristic Data

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









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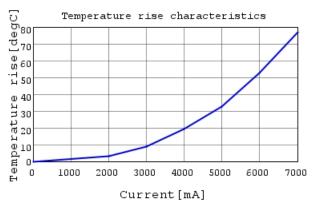


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DFE252012P-R33M Temp. rise

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