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Please download the latest datasheet of DFE252012F-8R2M# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=DFE252012F-8R2M%23

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













# < List of part numbers with package codes > DFE252012F-8R2M=P2



## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	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	
Specific	Please refer to Our Website and	
Applications	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	Consumer equipment	
Applications		



## Appearance & Shape









(in mm

### **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	0.0331g

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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	8.2µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1500mA
Rated current (Itemp) (Based on Temperature rise)	1100mA
Max. of DC resistance	0.41Ω
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	DFE252012F

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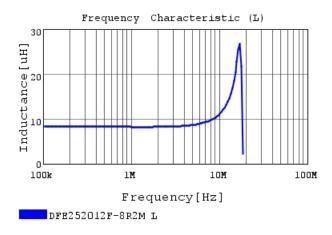
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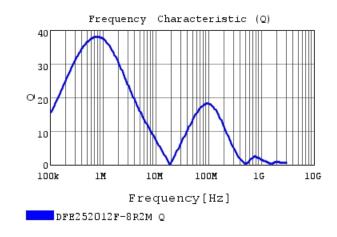
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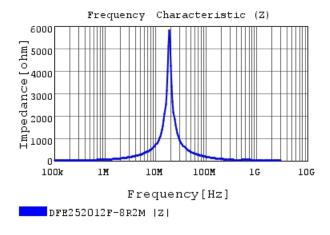


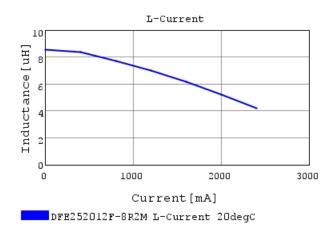
### Characteristic Data

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









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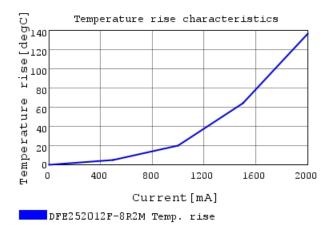


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