

# DFE252010F-8R2M#

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http://www.murata.com/en-sg/products/productdetail?partno=DFE252010F-8R2M%23

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

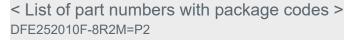














## **Applications**

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.	
Consumer equipment	



# 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		Standard
	Specifications	Packing
		Quantity
=P2	180Embossed Tape	3000

Mass (typ.)		
1 piece	:	0.0276g

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#### 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	2.5±0.2mm
W size	2.0±0.2mm
T size	1.0mm
Size code inch (mm)	1008 (2520)
Inductance	8.2µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1350mA
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.52Ω
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	DFE252010F

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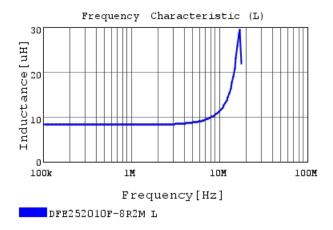
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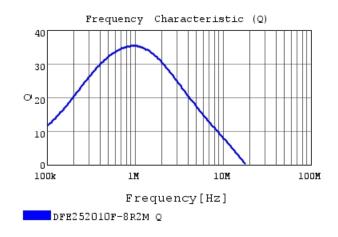


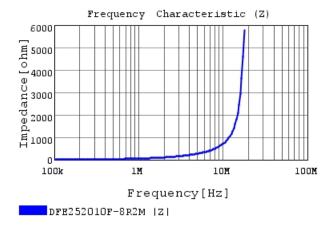
## Characteristic Data

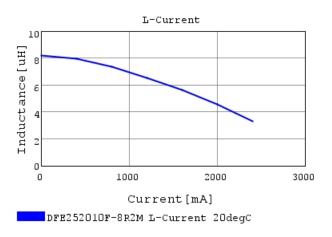
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The charts below may show another part number which shares its characteristics.









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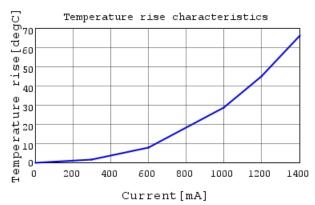
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DFE252010F-8R2M Temp. rise

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