

DFE201210S-R47M#

Note: This datasheet may be out of date.

Please download the latest datasheet of DFE201210S-R47M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DFE201210S-R47M%23

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













< List of part numbers with package codes > DFE201210S-R47M=P2



Applications

B	
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.	
Canalimar aguinment	
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

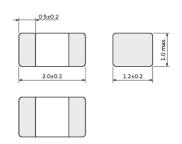
Packaging	Specifications	Standard Packing
		Quantity
=P2	180Embossed Tape	3000

Mass (typ.)		
	1 piece	0.016g



Appearance & Shape





(in mm

1 of 3

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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	1.2±0.2mm
T size	1.0mm
Size code inch (mm)	0805 (2012)
Inductance	0.47µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	4800mA
Rated current (Itemp) (Based on Temperature rise)	3400mA
Max. of DC resistance	0.032Ω
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	DFE201210S

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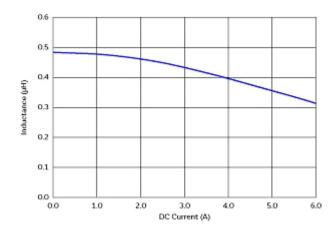
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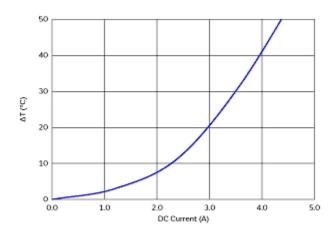
http://www.murata.com/en/products/productdetail?partno=DEE201210S-R47M%23

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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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