

DFE201208S-1R0M#

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 Please download the latest datasheet of DFE201208S-1R0M# from the official website of Murata
<http://www.murata.com/en-us/products/productdetail?partno=DFE201208S-1R0M%23>

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

Discontinued

RoHS

REACH

125
°Cmax.

Wound
(Metal)

Reflow
OK

< List of part numbers with package codes >

DFE201208S-1R0M=P2

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	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.
Recommended Applications	Consumer equipment

Notices

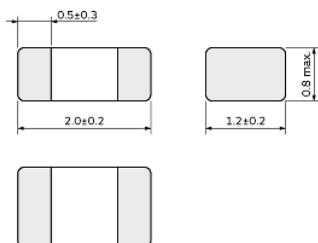
Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

References

Packaging	Specifications	Standard Packing Quantity
=P2	180Embossed Tape	3000

Mass (typ.)

1 piece	0.0114g
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(in mm)

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Attention

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- 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	0.8mm
Size code inch (mm)	0805 (2012)
Inductance	1μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2700mA
Rated current (Itemp) (Based on Temperature rise)	2100mA
Max. of DC resistance	0.084Ω
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	DFE201208S

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Attention

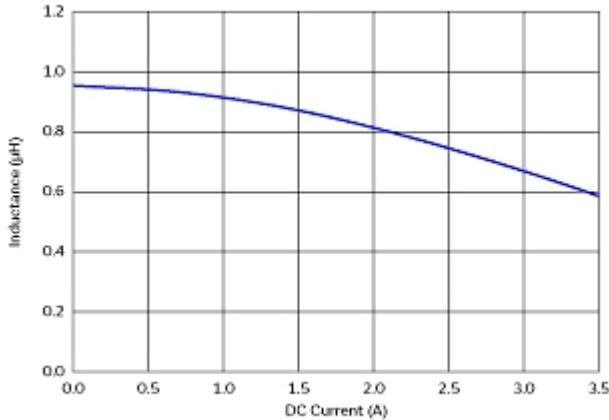
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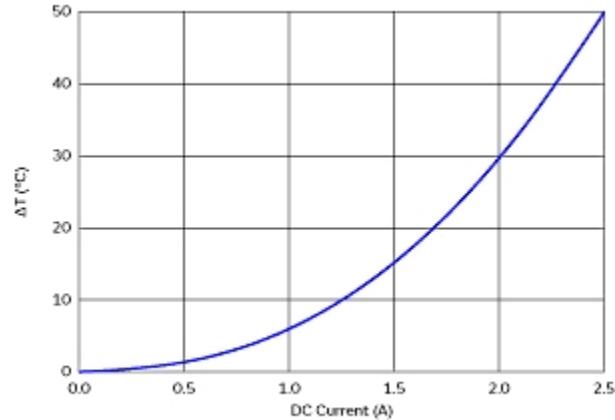
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Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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