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http://www.murata.com/en/products/productdetail?partno=%23A915BY-6R8M%3dP3

#A915BY-6R8M=P3

In Production | RoHS | REACH | 85 °C max. | Wound (Ferrite) | Reflow OK

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.

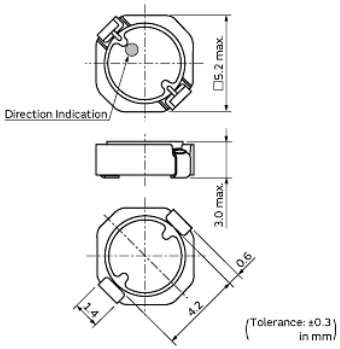
References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.223g

Appearance & Shape





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	5.2mm
W size	5.2mm
T size	3.0mm
Size code inch (mm)	2020 (5252)
Inductance	6.8μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	990mA
Rated current (Itemp) (Based on Temperature rise)	1810mA
Max. of DC resistance	0.05Ω
DC resistance	0.042Ω+20%/-30%
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded（Ferrite Core）
Brand	Murata
Series	D53LC

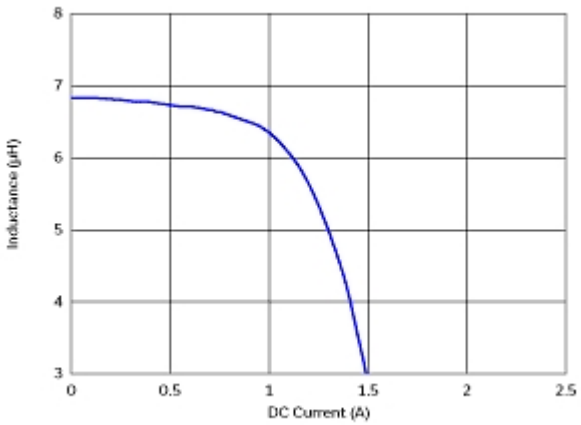
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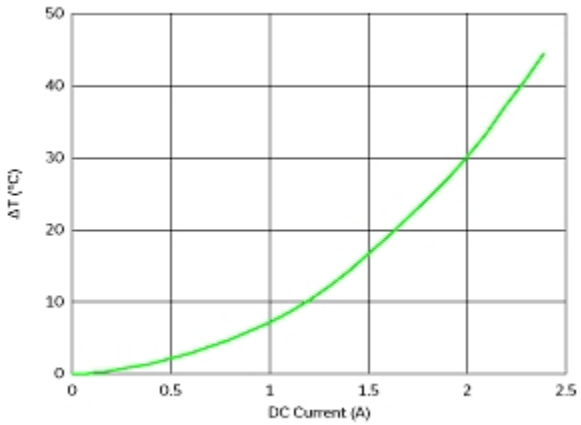
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Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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