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# #A915BY-101M=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<br>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.

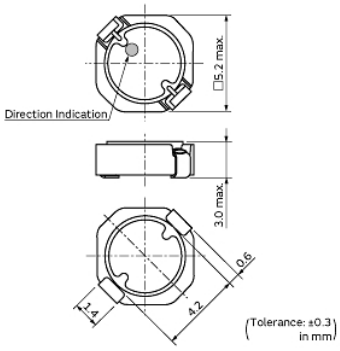
## References

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| =P3 | 330Embossed Tape | 2000 |

| Mass (typ.) | |
|---|---|
| 1 piece | 0.223g |

## Appearance & Shape








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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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# #A915BY-101M=P3

## Specifications

| | |
|---|---|
| L size | 5.2mm |
| W size | 5.2mm |
| T size | 3.0mm |
| Size code inch (mm) | 2020 (5252) |
| Inductance | 100μH±20% |
| Inductance Test Frequency | 0.1MHz |
| Rated current (Isat) (Based on Inductance change) | 260mA |
| Rated current (Itemp) (Based on Temperature rise) | 510mA |
| Max. of DC resistance | 0.569Ω |
| DC resistance | 0.474Ω+20%/-30% |
| Operating Temperature Range (Self-temperature rise is included) | -40℃ to 85℃ |
| Class of magnetic shield | Shielded（Ferrite Core） |
| Brand | Murata |
| Series | D53LC |



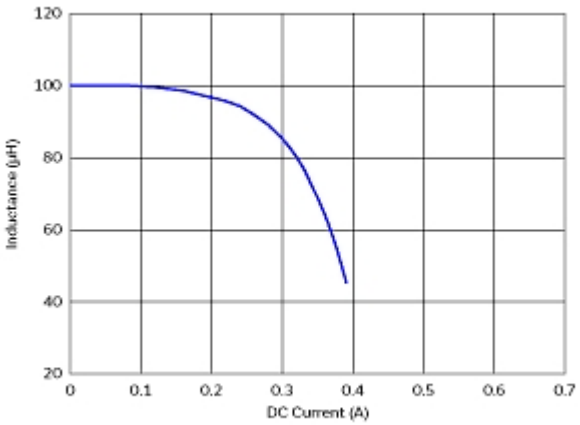
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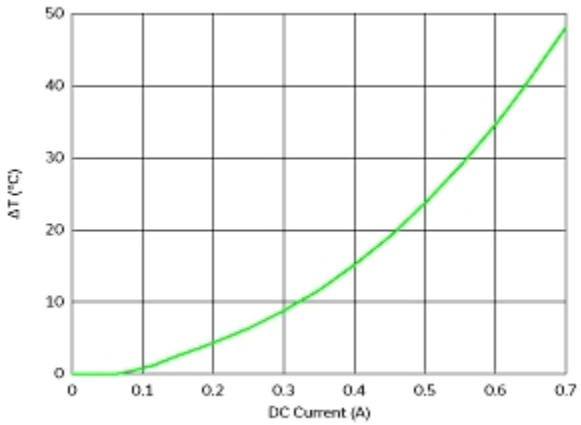
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# #A915BY-101M=P3

## Characteristic Data




Impedance - Current Characteristics




Temperature Increase Characteristic



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