The saturation allowable DC current value is specified when the decrease of the initial inductance value at 30%. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

### Notes

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### References

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<th>Packaging code</th>
<th>Specifications</th>
<th>Minimum quantity</th>
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<th>Mass (Typ.)</th>
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### Specifications

- **Inductance**: 1.0µH ±20%
- **Inductance test frequency**: 1MHz
- **Rated current (Isat) (Based on Inductance change)**: 2100mA
- **Rated current (Itemp) (Based on Temperature rise)**: 1700mA
- **Max. of DC resistance**: 0.128Ω
- **Operating temperature range (Self-temperature rise is included)**: -40°C to 125°C
- **Operating temperature range (Self-temperature rise is not included)**: -40°C to 85°C
- **Class of magnetic shield**: Metal Alloy
- **Absolute maximum voltage**: 20V DC

### Notes

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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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