

FDSD0518-H-R68M#

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Please download the latest datasheet of FDSD0518-H-R68M# from the official website of Murata

http://www.murata.com/en-sq/products/productdetail?partno=EDSD0518-H-R68M%23

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













< List of part numbers with package codes > FDSD0518-H-R68M=P3



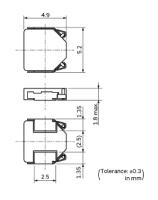
Applications

| 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. | |
| Consumer equipment | |
| | |



Appearance & Shape







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

| Mass (typ.) | | |
|-------------|---------|--|
| 1 piece | 0.2437g | |

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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 | 5.2±0.3mm |
|-----------------------------------------------------------------|------------------------|
| W size | 4.9±0.3mm |
| T size | 1.8mm |
| Size code inch (mm) | 2019 (5249) |
| Inductance | 0.68µH±20% |
| Inductance Test Frequency | 0.1MHz |
| Rated current (Isat) (Based on Inductance change) | 9000mA |
| Rated current (Itemp) (Based on Temperature rise) | 6800mA |
| Max. of DC resistance | 0.019Ω |
| Operating Temperature Range (Self-temperature rise is included) | -40°C to 125°C |
| Class of magnetic shield | Shielded (Metal Alloy) |
| Absolute maximum voltage | 30Vdc |
| Brand | Murata |
| Series | FDSD0518 |

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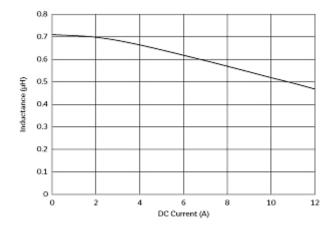
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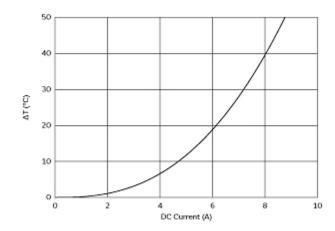
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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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