Note: This datasheet may be out of date.

Please download the latest datasheet of PTGLESARR15M1B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PTGLESARR15M1B51B0

PTGLESARR15M1B51B0









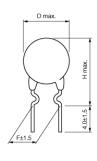
Applications

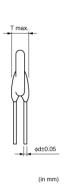
| Unsuitable | Please be sure to read and comply with | |
|--------------------------|--|--|
| Applications | these "Precautions for use." | |
| Specific Applications | Automotive powertrain/safety equipment | |
| | Please refer to Our Website and | |
| | specifications, etc. for information about | |
| | 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. | |



Appearance & Shape







1.0

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------------|
| В0 | Bulk(Bag) | 300 |



Features

- 1. Best suited to meet the requirements for power supply and motor protection. Error-free operation is assured by rush current.
- 2. Circuit is protected until current is turned off.
- 3. Restores the original low resistance value automatically once the overload is removed.
- 4. Non-contact design leads to long life and no noise.

 Durable and strong against mechanical vibration and shock because it is a solid element.
- 5. Lead (Pb) is not contained in the terminations.

1 of 3

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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PTGLESARR15M1B51B0



Specifications

| Max. Voltage | 16V |
|--|---------------|
| Hold Current(25°C) | 1545mA |
| Hold Current (2) | 820mA |
| Measure Condition of Hold Current (2) | (at +85°C) |
| Trip Current(25°C) | 2855mA |
| Trip Current(2) | 3561mA |
| Measure Condition of Trip Current(2) | (at -30°C) |
| Max. Current | 10A |
| Resistance (25°C) | 0.15Ω |
| Resistance Value Tolerance (at 25°C) | ±20% |
| Curie Point(typ.) | 120℃ |
| Power Consumption(typ) | 2.3W |
| Operating Temperature Range | -30°C to 85°C |
| D- Outer Dimension | 13.5mm |
| Thickness | 3.5mm |
| H- Height | 18.5mm |
| F- Lead Space | 5mm |
| d- Lead Diameter | 0.6mm |
| Shape | Lead |
| Mass | 0.69g |
| MSL | N |

2 of 3

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Product Search Data Sheet

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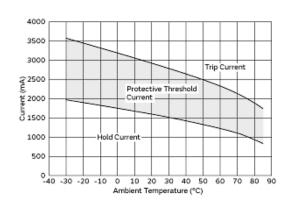
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PTGLESARR15M1B51B0

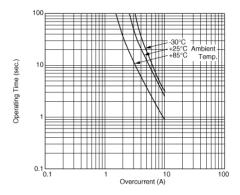


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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