

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of PTGL12AR1R2H2B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PTGL12AR1R2H2B51B0

PTGL12AR1R2H2B51B0









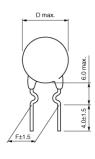
Applications

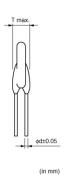
| Unsuitable | Please be sure to read and comply with | |
|--------------------------|--|--|
| Applications | these "Precautions for use." | |
| Specific Applications | Industrial Equipment | |
| | Please refer to Our Website and | |
| | specifications, etc. for information about | |
| | the performance, 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







Packaging Information

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



Features

- 1. Best suited to meet the requirements for power supplies and motor protection. Error-free operations are 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.

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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

| Max. Voltage | 30V |
|--|---------------|
| Hold Current(25°C) | 645mA |
| , , | |
| Hold Current (2) | 520mA |
| Measure Condition of Hold Current (2) | (at +60°C) |
| Trip Current(25°C) | 1225mA |
| Trip Current(2) | 1420mA |
| Measure Condition of Trip Current(2) | (at -10°C) |
| Max. Current | 4.3A |
| Resistance (25°C) | 1.2Ω |
| Resistance Value Tolerance (at 25°C) | ±25% |
| Curie Point(typ.) | 120℃ |
| Power Consumption(typ) | 1.9W |
| Operating Temperature Range | -10°C to 60°C |
| D- Outer Dimension | 12mm |
| Thickness | 4mm |
| F- Lead Space | 5mm |
| d- Lead Diameter | 0.6mm |
| Shape | Lead |
| Mass | 0.57g |
| MSL | N |

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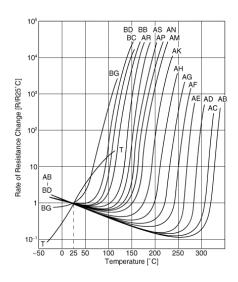
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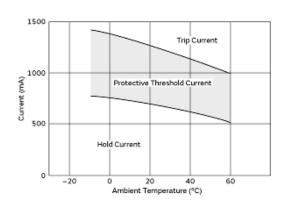
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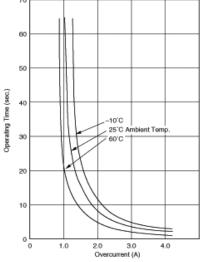


Product Data





Resistance-Temperature Charac.



Operating Time (Typical Curve)

Protective Threshold Current Range

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