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Please download the latest datasheet of PTGL12AR0R2M1B51B0 from the official website of Murata
Manufacturing Co., Ltd.

https://www.murata.com/en-eu/products/productdetail?partno=PTGL12AR0R2M1B51B0

### PTGL12AR0R2M1B51B0





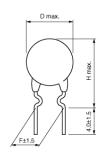


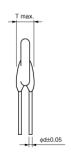




## Appearance & Shape







(in mm)



- 1. Best suited to meet the requirements for power supplies 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.



Limited Usage

Consumer Grade



### Packaging Information

Packaging	Specifications	Minimum Order Quantity
В0	Bulk(Bag)	300

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#### Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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5mm

0.6mm

Lead

0.44g

F: Lead Space

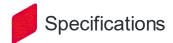
d: Lead Diameter

Shape

Mass

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# PTGL12AR0R2M1B51B0



Max. Voltage	16V
Hold Current	1000mA
Measure Condition of Hold Current	(at +60°C)
Hold Current (2)	1300mA
Measure Condition of Hold Current (2)	(at +25°C)
Trip Current	2410mA
Measure Condition of Trip Current	(at +25°C)
Trip Current(2)	2800mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	9A
Resistance (25°C)	0.2Ω
Resistance Value Tolerance (at 25°C)	±20%
Power Consumption(typ)	2W
Operating Temperature Range	-10°C to 60°C
D: Outer Dimension	11.3mm
Thickness	3.5mm
H: Height	16mm

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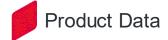


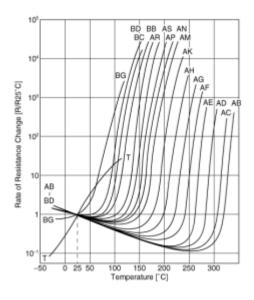
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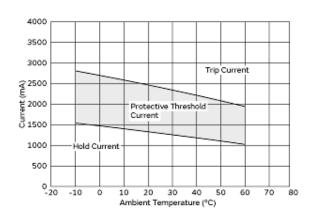
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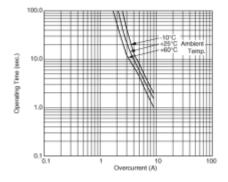






Resistance-Temperature Charac.

Protective Threshold Current Range



Operating Time (Typical Curve)

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