

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of PTGL09AR4R7M3B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PTGL09AR4R7M3B51A0

## PTGL09AR4R7M3B51A0



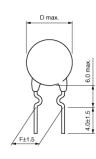


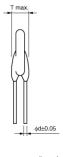




### Appearance & Shape







(in mm)



### **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.



### **Applications**

Limited Usage Consumer Grade



### **Packaging Information**

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| A0        | Ammo Pack      | 1500                            |

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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                             | 56V           |
|--|---------------|
| Hold Current(25°C)                       | 350mA         |
| Measure Condition of Hold<br>Current     | (at +25°C)    |
| Hold Current (2)                         | 270mA         |
| Measure Condition of Hold<br>Current (2) | (at +60°C)    |
| Trip Current(25°C)                       | 600mA         |
| Measure Condition of Trip<br>Current     | (at +25°C)    |
| Trip Current(2)                          | 700mA         |
| Measure Condition of Trip<br>Current(2)  | (at -10°C)    |
| Max. Current                             | 2A            |
| Resistance (25°C)                        | 4.7Ω          |
| Resistance Value Tolerance<br>(at 25°C)  | ±20%          |
| Curie Point(typ.)                        | 120℃          |
| Power Consumption(typ)                   | 1.7W          |
| Operating Temperature<br>Range           | -10°C to 60°C |
| D: Outer Dimension                       | 9.5mm         |
| Thickness                                | 4mm           |
| F: Lead Space                            | 5mm           |
| d: Lead Diameter                         | 0.6mm         |
| Shape                                    | Lead          |
| Mass                                     | 0.64g         |
| MSL                                      | N             |

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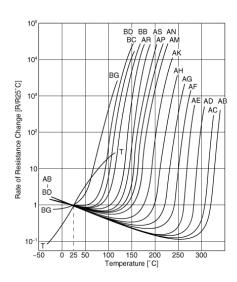
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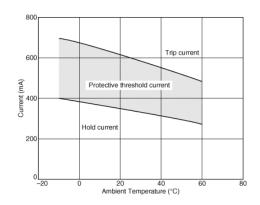
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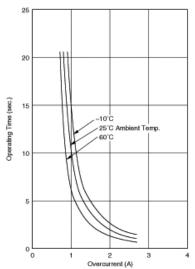


### **Product Data**





### Resistance-Temperature Charac.



# Operating Time (Typical Curve)

### Protective Threshold Current Range

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