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Please download the latest datasheet of PTGL06AR0R8M1B51B0 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=PTGL06AR0R8M1B51B

## PTGL06AR0R8M1B51B0









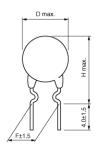
## **Applications**

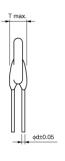
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Industrial Equipment
	Please refer to Our Website and
	specifications, etc. for information about
Chaoifia	the performance, functions, quality,
Specific Applications	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.



### Appearance & Shape







(in mm)

# P

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk(Bag)	500



#### **Features**

- 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.

1 of 3

#### Attention

- 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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## PTGL06AR0R8M1B51B0



## **Specifications**

Max. Voltage	16V
Hold Current(25°C)	505mA
Hold Current (2)	400mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	955mA
Trip Current(2)	1120mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	3A
Resistance (25°C)	0.8Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120℃
Power Consumption(typ)	1.4W
Operating Temperature Range	-10°C to 60°C
D- Outer Dimension	6.5mm
Thickness	3.5mm
H- Height	10mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.15g
MSL	N

2 of 3

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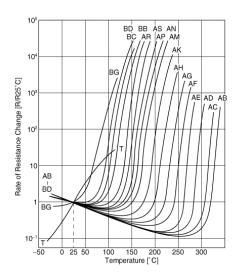
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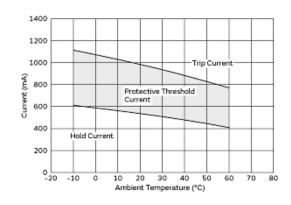
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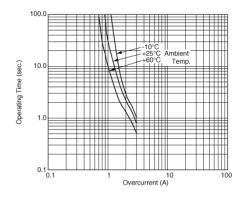


### **Product Data**





#### Resistance-Temperature Charac.



#### Protective Threshold Current Range

#### Operating Time (Typical Curve)

3 of 3

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