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Please download the latest datasheet of PTGL10ARR27M1B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PTGL10ARR27M1B51B0

## PTGL10ARR27M1B51B0









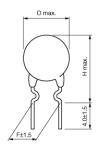
## **Applications**

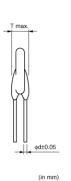
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Industrial Equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific Applications	management, and safety required for
	the above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



## Appearance & Shape







## 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 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

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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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# PTGL10ARR27M1B51B0



## **Specifications**

Max. Voltage	16V
Hold Current(25°C)	1025mA
Hold Current (2)	800mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	1900mA
Trip Current(2)	2250mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	8A
Resistance (25°C)	0.27Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120℃
Power Consumption(typ)	1.8W
Operating Temperature Range	-10°C to 60°C
D- Outer Dimension	10.1mm
Thickness	3.5mm
H- Height	15mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.38g
MSL	N

2 of 3

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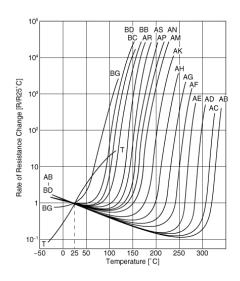
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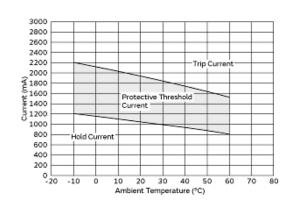
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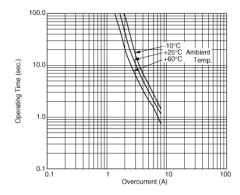


### **Product Data**





#### Resistance-Temperature Charac.



### Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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