

#### Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of PTGL5SAR1R0M1B51A0 from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=PTGL5SAR1R0M1B51A0

## PTGL5SAR1R0M1B51A0









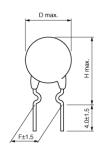
## **Applications**

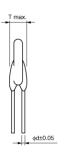
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for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



## Appearance & Shape







(in mm)

# Packa

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	2000



#### **Features**

- 1. Best suited to meet the requirements for power supply 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.
- 5. Lead (Pb) is not contained in the terminations.

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#### 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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## PTGL5SAR1R0M1B51A0



## **Specifications**

Max. Voltage	16V
Hold Current(25°C)	470mA
Hold Current (2)	252mA
Measure Condition of Hold Current (2)	(at +85°C)
Trip Current(25°C)	880mA
Trip Current(2)	1095mA
Measure Condition of Trip Current(2)	(at -30°C)
Max. Current	2A
Resistance (25°C)	1Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120℃
Power Consumption(typ)	1.4W
Operating Temperature Range	-30°C to 85°C
D- Outer Dimension	6mm
Thickness	3.5mm
H- Height	9.5mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.33g
MSL	N

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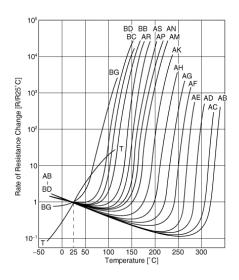
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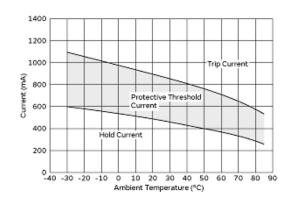
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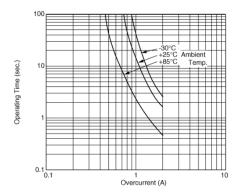


## **Product Data**





#### Resistance-Temperature Charac.



### Protective Threshold Current Range

#### Operating Time (Typical Curve)

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