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

## PTGL5SAR1R0M1B51A0









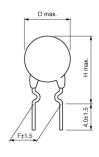
### **Applications**

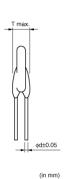
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific Applications	management, and safety required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

1 of 3

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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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# 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°C
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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### Attention

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### Product Search Data Sheet

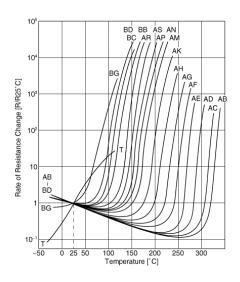
Note: This datasheet may be out of date. Please download the latest datasheet of PTGL5SAR1R0M1B51A0 from the official website of Murata Manufacturing Co., Ltd.

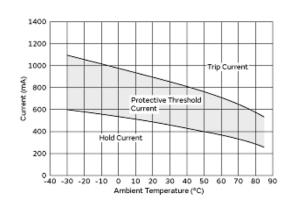
http://www.murata.com/en/products/productdetail?partno=PTGL5SAR1R0M1B51A0

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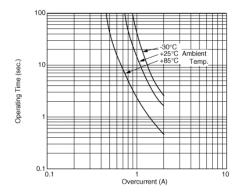


## **Product Data**





### Resistance-Temperature Charac.



### Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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