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Please download the latest datasheet of PTGL5SAR1R0M1B51A0 from the official website of Murata Manufacturing Co., Ltd.

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

PTGL5SAR1R0M1B51A0









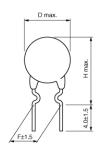
Applications

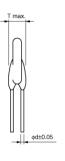
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific	management, and safety required for
Applications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



Appearance & Shape







(in mm)

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

Attention

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- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering



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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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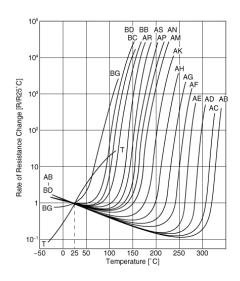
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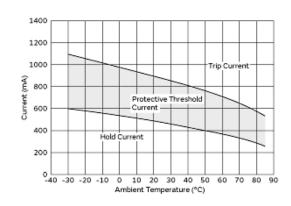
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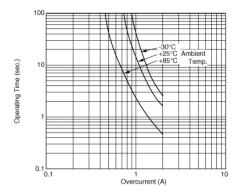


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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