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http://www.murata.com/en-gb/products/productdetail?partno=PTGL6SAR0R8M1B51B0

PTGL6SAR0R8M1B51B0









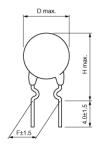
Applications

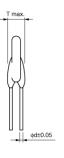
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific	management, and safety required for
Applications	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
В0	Bulk(Bag)	500



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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PTGL6SAR0R8M1B51B0



Specifications

Max. Voltage	16V
Hold Current(25°C)	505mA
Hold Current (2)	274mA
Measure Condition of Hold Current (2)	(at +85°C)
Trip Current(25°C)	955mA
Trip Current(2)	1193mA
Measure Condition of Trip Current(2)	(at -30°C)
Max. Current	3A
Resistance (25°C)	0.8Ω
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	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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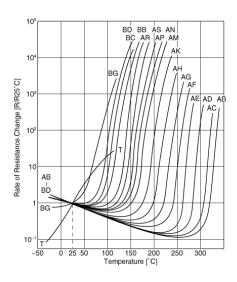
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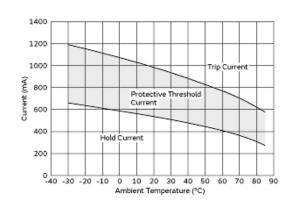
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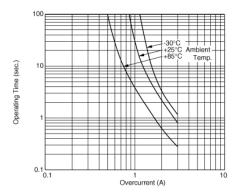


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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