

# PTGL6SAR0R8M1B51A0

To be discontinued

RoHS

REACH

## Appearance & Shape



## 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.

## Applications

Automotive Usage	Infotainment
Limited Usage	Automotive Grade

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	2000

### 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 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.

# PTGL6SAR0R8M1B51A0



## Specifications

Max. Voltage	16V
Hold Current(25°C)	505mA
Measure Condition of Hold Current	(at +25°C)
Hold Current (2)	274mA
Measure Condition of Hold Current (2)	(at +85°C)
Trip Current(25°C)	955mA
Measure Condition of Trip Current	(at +25°C)
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	0.35g
MSL	N

### 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 datasheet has only typical specifications because there is no space for detailed specifications.

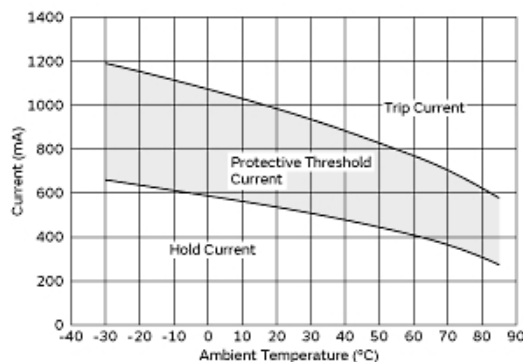
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# PTGL6SAR0R8M1B51A0

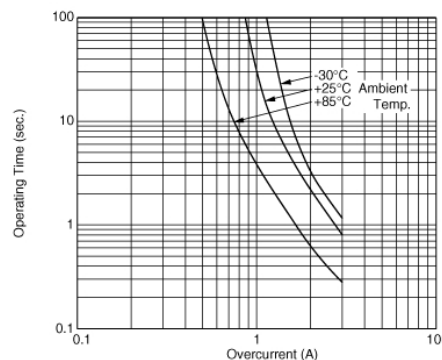
## Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

### 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 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.