

# PTGL12AS1R2K3B51B0

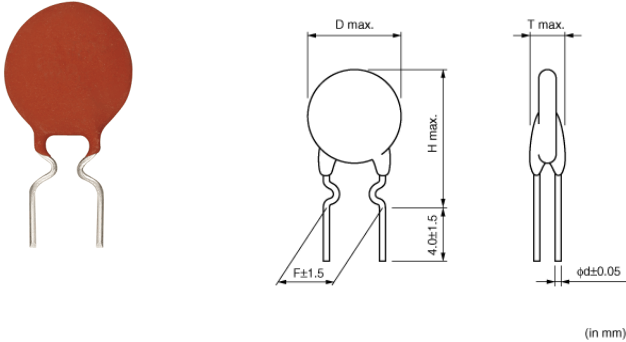
In Production

Recommended

RoHS

REACH

## Appearance & Shape



## Features

1. Small fluctuation in the circuit due to resistance tolerance +/-10%
  2. Narrow current range (less than twice) between operating and non-operating current at -10 to 60 degrees C.
  3. Quick operating time due to small size compared with conventional products.
  4. Best suited to meet the requirements for power supplies and motor protection. Error-free operations are assured by rush current.
  5. Circuit is protected until current is turned off.
  6. Restores the original low resistance value automatically once the overload is removed.
  7. Non-contact design leads to long life and no noise.
- Durable and strong against mechanical vibration and shock because it is a solid element.

## Applications

Limited Usage	Consumer Grade
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## Packaging Information

Packaging	Specifications	Minimum Order Quantity
B0	Bulk(Bag)	300

### 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.

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## Specifications

Max. Voltage	51V	F: Lead Space	5mm
Hold Current	592mA	d: Lead Diameter	0.6mm
Measure Condition of Hold Current	(at +60°C)	Shape	Lead
Hold Current (2)	749mA	Mass	0.63g
Measure Condition of Hold Current (2)	(at +25°C)		
Trip Current	996mA		
Measure Condition of Trip Current	(at +25°C)		
Trip Current(2)	1168mA		
Measure Condition of Trip Current(2)	(at -10°C)		
Max. Current	5A		
Resistance (25°C)	1.2Ω		
Resistance Value Tolerance (at 25°C)	±10%		
Power Consumption(typ)	2.4W		
Operating Temperature Range	-30°C to 85°C		
D: Outer Dimension	11.5mm		
Thickness	3.5mm		
H: Height	16.5mm		

### Attention

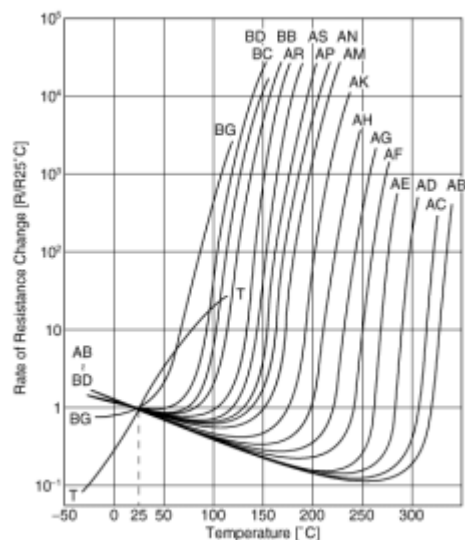
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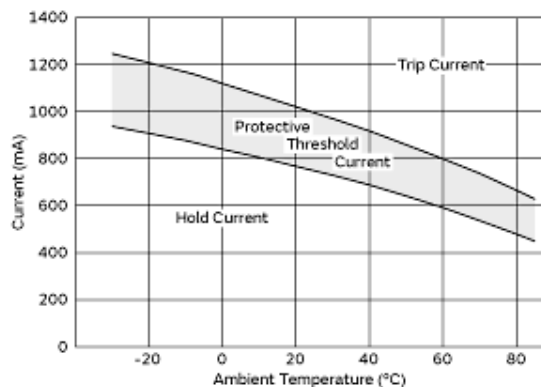
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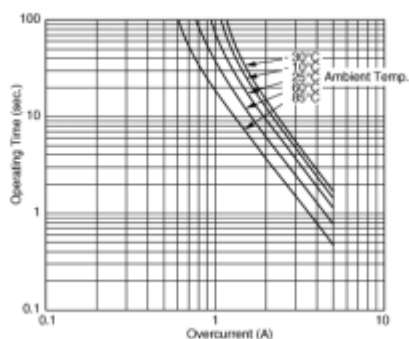
## Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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# Mouser Electronics

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