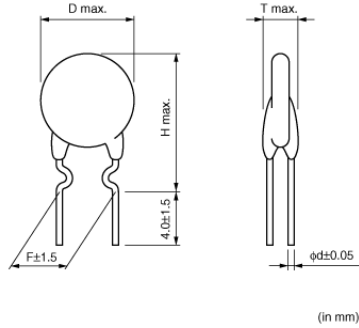


# PTGL07AS2R7K2B51B0

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
---------------	----------------

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
B0	Bulk(Bag)	500

### 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.

# PTGL07AS2R7K2B51B0



## Specifications

Max. Voltage	30V	F: Lead Space	5mm
Hold Current	336mA	d: Lead Diameter	0.6mm
Measure Condition of Hold Current	(at +60°C)	Shape	Lead
Hold Current (2)	425mA	Mass	0.27g
Measure Condition of Hold Current (2)	(at +25°C)		
Trip Current	565mA		
Measure Condition of Trip Current	(at +25°C)		
Trip Current(2)	663mA		
Measure Condition of Trip Current(2)	(at -10°C)		
Max. Current	4.5A		
Resistance (25°C)	2.7Ω		
Resistance Value Tolerance (at 25°C)	±10%		
Power Consumption(typ)	1.7W		
Operating Temperature Range	-30°C to 85°C		
D: Outer Dimension	7.3mm		
Thickness	3.5mm		
H: Height	12.3mm		

### Attention

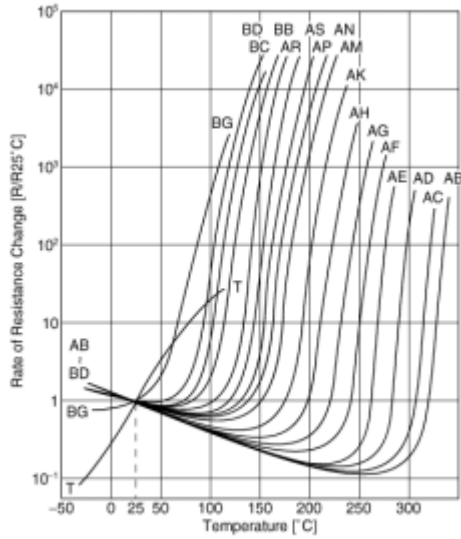
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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

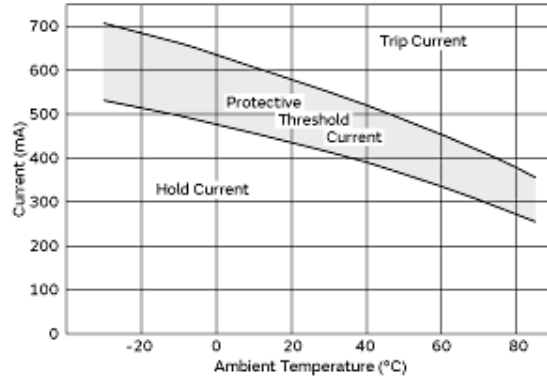
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# PTGL07AS2R7K2B51B0

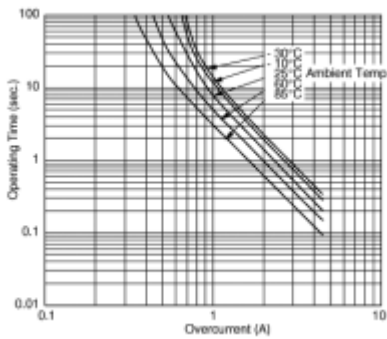
## Product Data



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, its 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.