

# PTGL05AR181M7P52A0

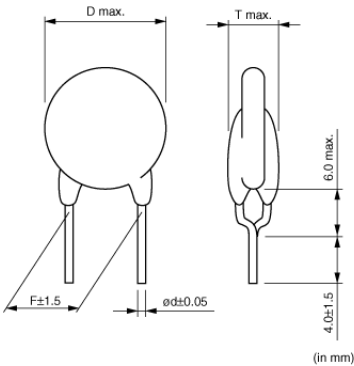
In Production

Recommended

RoHS

REACH

## Appearance & Shape



## Features

1. Best suited to meet the requirements for power supplies and motor protection. Error-free operations are 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.

## Applications

Limited Usage	Consumer Grade
Other Usage	1. Transformers 2. Transistors 3. Fluorescent Lamps

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
A0	Ammo Pack	1500

**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

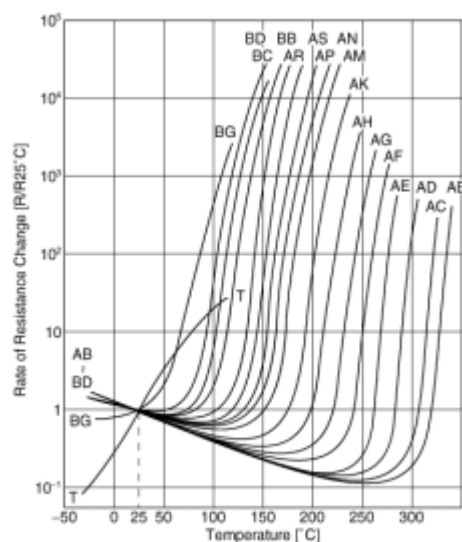
Max. Voltage	125V	d: Lead Diameter	0.6mm
Hold Current	30mA	Shape	Lead
Measure Condition of Hold Current	(at +60°C)	Mass	0.47g
Hold Current (2)	38mA		
Measure Condition of Hold Current (2)	(at +25°C)		
Trip Current	64mA		
Measure Condition of Trip Current	(at +25°C)		
Trip Current(2)	75mA		
Measure Condition of Trip Current(2)	(at -10°C)		
Max. Current	0.3A		
Resistance (25°C)	180Ω		
Resistance Value Tolerance (at 25°C)	±20%		
Power Consumption(typ)	0.7W		
Operating Temperature Range	-10°C to 60°C		
D: Outer Dimension	6mm		
Thickness	5mm		
F: Lead Space	5mm		

### Attention

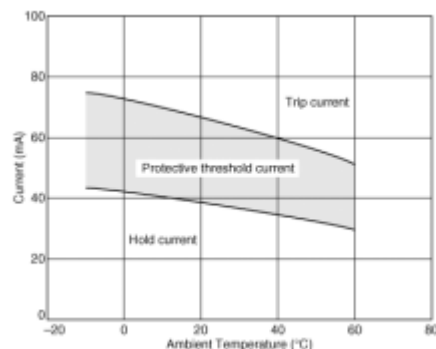
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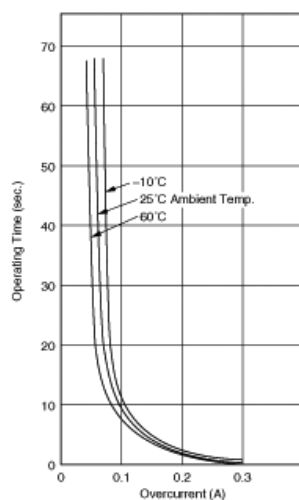
## Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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# Mouser Electronics

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