

PTGL07AS2R7K2B51A0

To be discontinued

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	Standard Packing 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.

PTGL07AS2R7K2B51A0



Specifications

Max. Voltage	30V
Hold Current(25°C)	425mA
Measure Condition of Hold Current	(at +25°C)
Hold Current (2)	336mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	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%
Curie Point(typ.)	130°C
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
F: Lead Space	5mm
d: Lead Diameter	0.6mm
Shape	Lead
Mass	0.47g
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.

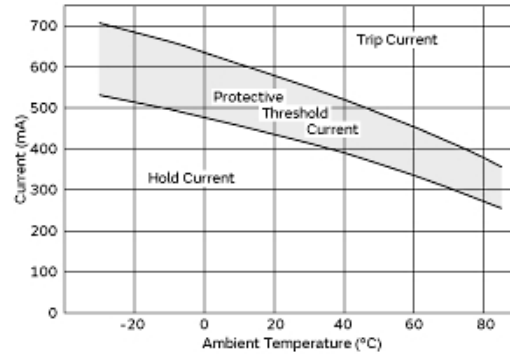
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

PTGL07AS2R7K2B51A0

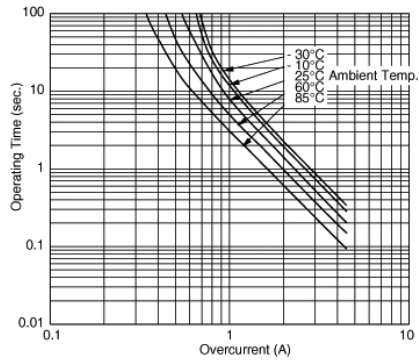
Product Data



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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata:

[PTGL07AS2R7K2B51A0](#)