

PTGL05AS270K6B51A0

To be discontinued

RoHS

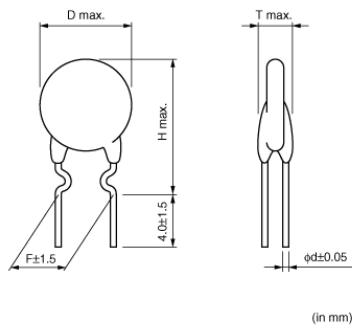
REACH

Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL05AS270K6B51A0 from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en-sg/products/productdetail?partno=PTGL05AS270K6B51A0>

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	Standard Packing Quantity
A0	Ammo Pack	1500

Attention

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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	140V
Hold Current(25°C)	134mA
Measure Condition of Hold Current	(at +25°C)
Hold Current (2)	106mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	178mA
Measure Condition of Trip Current	(at +25°C)
Trip Current(2)	209mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	1A
Resistance (25°C)	27Ω
Resistance Value Tolerance (at 25°C)	±10%
Curie Point(typ.)	130°C
Power Consumption(typ)	1.5W
Operating Temperature Range	-30°C to 85°C
D: Outer Dimension	5.5mm
Thickness	4.5mm
H: Height	10.5mm
F: Lead Space	5mm
d: Lead Diameter	0.6mm
Shape	Lead
Mass	0.36g
MSL	N

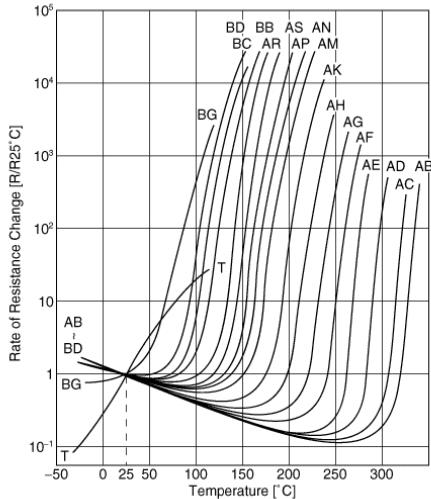
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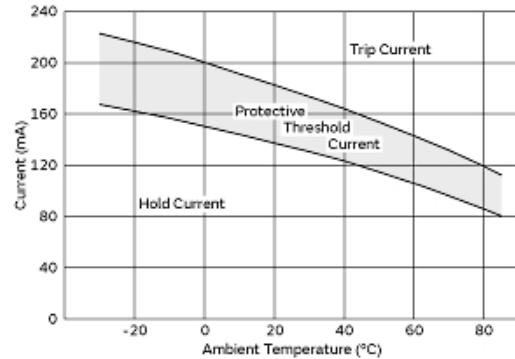
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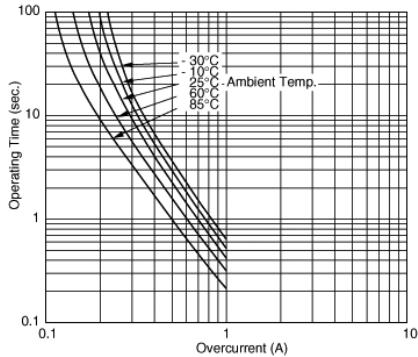
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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