

Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL05AS100K4B51B0 from the official website of Murata

Manufacturing Co., Ltd.

https://www.murata.com/en-eu/products/productdetail?partno=PTGL05AS100K4B51B0

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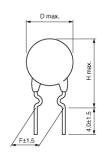


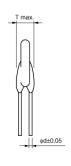




Appearance & Shape











- 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.



Limited Usage

Consumer Grade



Packaging Information

Packaging	Specifications	Minimum Order Quantity
В0	Bulk(Bag)	500

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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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5mm

0.6mm

Lead

0.17g

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F: Lead Space

d: Lead Diameter

Shape

Mass

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Max. Voltage	60V
Hold Current	170mA
Measure Condition of Hold Current	(at +60°C)
Hold Current (2)	215mA
Measure Condition of Hold Current (2)	(at +25°C)
Trip Current	286mA
Measure Condition of Trip Current	(at +25°C)
Trip Current(2)	335mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	1.5A
Resistance (25°C)	10Ω
Resistance Value Tolerance (at 25°C)	±10%
Power Consumption(typ)	1.4W
Operating Temperature Range	-30°C to 85°C
D: Outer Dimension	5.5mm
Thickness	3.5mm
H: Height	10.5mm

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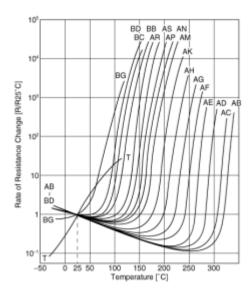
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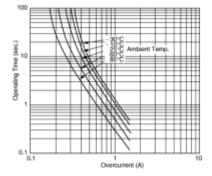
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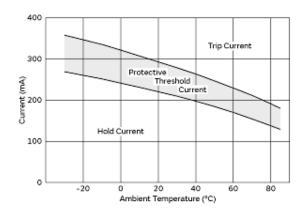








Operating Time (Typical Curve)



Protective Threshold Current Range

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