

Product Search Data Sheet

PTGL05AS100K4B51B0

Discontinued

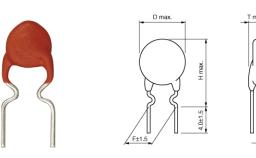
RoHS REACH

Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Specific Applications	Industrial Equipment
	Please refer to Our Website and
	specifications, etc. for information about
	the performance, functions, quality,
	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.



Appearance & Shape



(in mm)

φd±0.05

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

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

http://www.murata.com/en/products/productdetail?partno=PTGL05AS100K4B51B0

Packaging Information

	Packaging	Specifications	Standard Packing Quantity
	В0	Bulk(Bag)	500



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.

1 of 3

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





PTGL05AS100K4B51B0

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

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

http://www.murata.com/en/products/productdetail?partno=PTGL05AS100K4B51B0

Specifications

Max. Voltage 60V Hold Current(25°C) 215mA Hold Current (2) 170mA Measure Condition of Hold (at +60°C) Current (2) Trip Current(25°C) 286mA Trip Current(2) 335mA Measure Condition of Trip (at -10°C) Current(2) Max. Current 1.5A Resistance (25°C) 10Ω Resistance Value Tolerance ±10% (at 25°C) Curie Point(typ.) 130°C Power Consumption(typ) 1.4W **Operating Temperature** -30°C to 85°C Range **D-**Outer Dimension 5.5mm Thickness 3.5mm H- Height 10.5mm F- Lead Space 5mm d- Lead Diameter 0.6mm Shape Lead Mass 0.17g Ν MSL

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.





PTGL05AS100K4B51B0

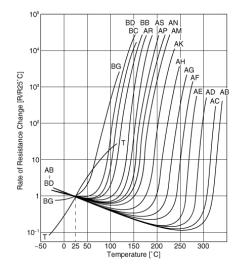
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

 $\label{eq:Please} Please \ download \ the \ latest \ data sheet \ of \ PTGL05AS100K4B51B0 \ from \ the \ official \ website \ of \ Murata$

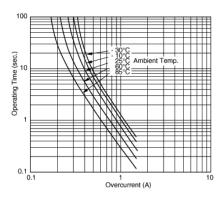
http://www.murata.com/en/products/productdetail?partno=PTGL05AS100K4B51B0



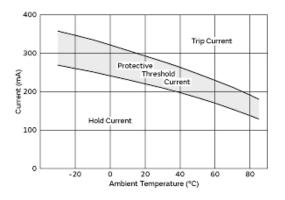
INNOVATOR IN ELECTRON



Resistance-Temperature Charac.



Operating Time (Typical Curve)



Protective Threshold Current Range

3 of 3

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.

