

Product Search Data Sheet

PTGL05AS6R8K3B51A0

Discontinued

RoHS REACH

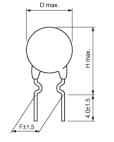
Applications

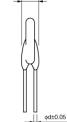
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Specific Applications	Industrial Equipment
	Please refer to Our Website and
	specifications, etc. for information about
	the performance, functions, quality,
	management, and safety required for
	the above applications,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



Appearance & Shape







(in mm)

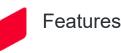
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of PTGL05AS6R8K3B51A0 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=PTGL05AS6R8K3B51A0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	1500



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





PTGL05AS6R8K3B51A0

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 PTGL05AS6R8K3B51A0 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=PTGL05AS6R8K3B51A0

Specifications

Max. Voltage	51V
Hold Current(25°C)	249mA
Hold Current (2)	197mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	331mA
Trip Current(2)	388mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	1.5A
Resistance (25°C)	6.8Ω
Resistance Value Tolerance (at 25°C)	±10%
Curie Point(typ.)	130℃
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
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.37g
MSL	Ν

2 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.





PTGL05AS6R8K3B51A0

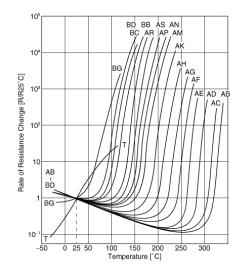
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of PTGL05AS6R8K3B51A0 from the official website of Murata

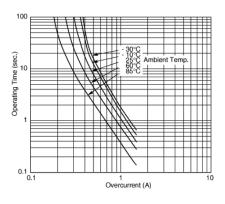
http://www.murata.com/en-us/products/productdetail?partno=PTGL05AS6R8K3B51A0



INNOVATOR IN ELECTRON



Resistance-Temperature Charac.



400 Trip Current 700 100 -20 0 -20 0 200 Hold Current Cu

Protective Threshold Current Range

Operating Time (Typical Curve)

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.

