

Product Search Data Sheet

PTGL05AS270K6B51A0

Discontinued

RoHS REACH

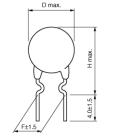
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Industrial Equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific Applications	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





φd±0.05

Note: This datasheet may be out of date.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/products/productdetail?partno=PTGL05AS270K6B51A0

Packaging Information

Packaging		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





PTGL05AS270K6B51A0

Note: This datasheet may be out of date.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/products/productdetail?partno=PTGL05AS270K6B51A0

Specifications

Max. Voltage	140V
Hold Current(25°C)	134mA
Hold Current (2)	106mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	178mA
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℃
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	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.





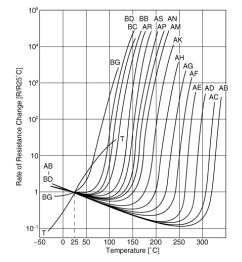
Product Search Data Sheet

PTGL05AS270K6B51A0

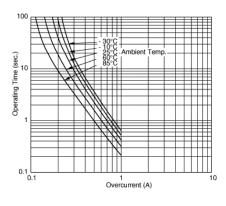
Note: This datasheet may be out of date. Please download the latest datasheet of PTGL05AS270K6B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PTGL05AS270K6B51A0









240 Trip Current 200 160 120 120 00 00 Deate ctive Threshold Current Hold Current 80 40 0 -20 20 40 60 80 0 Ambient Temperature (°C)

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.

