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Please download the latest datasheet of PTGL04AS100K2N51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PTGL04AS100K2N51B0

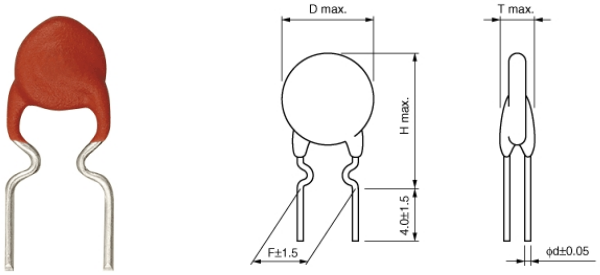
PTGL04AS100K2N51B0

Discontinued RoHS REACH

Applications

Unsuitable Applications	Please be sure to read and comply with 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)

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B0	Bulk(Bag)	500

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.

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.

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PTGL04AS100K2N51B0

Specifications

Max. Voltage	30V
Hold Current(25℃)	154mA
Hold Current (2)	122mA
Measure Condition of Hold Current (2)	(at +60℃)
Trip Current(25℃)	205mA
Trip Current(2)	240mA
Measure Condition of Trip Current(2)	(at -10℃)
Max. Current	1.5A
Resistance (25℃)	10Ω
Resistance Value Tolerance (at 25℃)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	0.5W
Operating Temperature Range	-30℃ to 85℃
D- Outer Dimension	4.5mm
Thickness	3.5mm
H- Height	9.5mm
F- Lead Space	5mm
d- Lead Diameter	0.5mm
Shape	Lead
Mass	0.2g
MSL	N

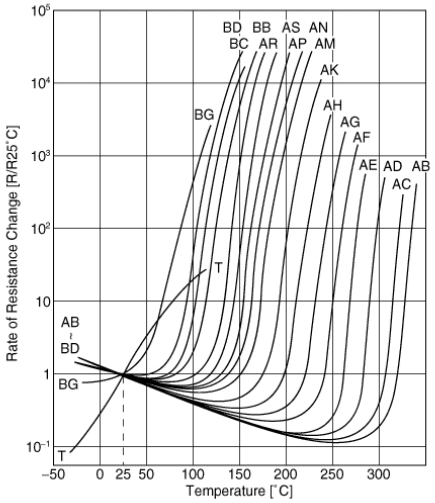
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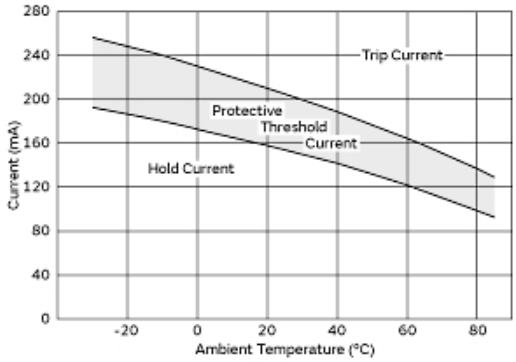
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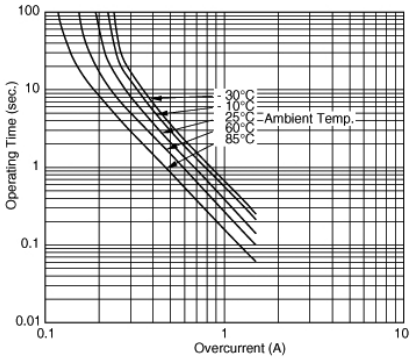
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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