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Please download the latest datasheet of PTGL4SAS100K3B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PTGL4SAS100K3B51B0

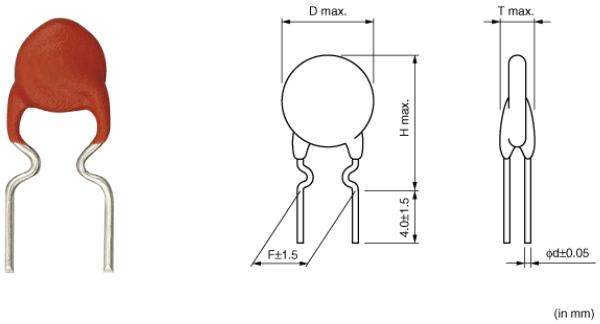
PTGL4SAS100K3B51B0

Discontinued RoHS REACH

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety 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



Packaging Information

Packaging	Specifications	Standard Packing Quantity
B0	Bulk(Bag)	500

Features

1. Useful protective threshold current range with a wide temperature range.
2. Small fluctuation in the circuit due to resistance tolerance +/- 10%.
3. Quick operating time due to small size compared with conventional products.
4. Best suited to meet the requirements of power supply and motor protector. Error-free operation is 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.
8. Lead (Pb) is not contained in the terminations.

Attention
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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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PTGL4SAS100K3B51B0

Specifications

Max. Voltage	51V
Hold Current(25℃)	213mA
Hold Current (2)	128mA
Measure Condition of Hold Current (2)	(at +85℃)
Hold Current (3)	89mA
Measure Condition of Hold Current (3)	(at +105℃)
Trip Current(25℃)	283mA
Trip Current(2)	361mA
Measure Condition of Trip Current(2)	(at -40℃)
Max. Current	1A
Resistance (25℃)	10Ω
Resistance Value Tolerance (at 25℃)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	1.4W
Operating Temperature Range	-40℃ to 125℃
D- Outer Dimension	4.5mm
Thickness	3.5mm
H- Height	9.5mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.26g
MSL	N

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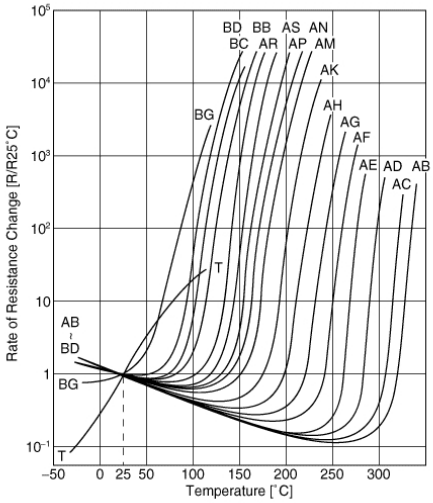
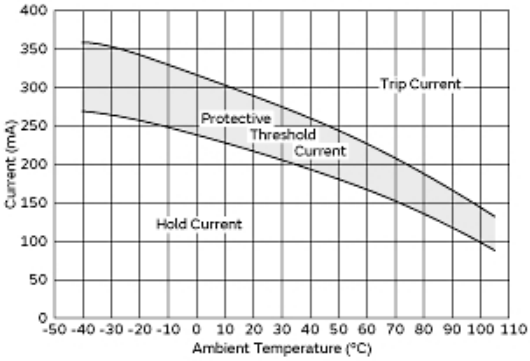
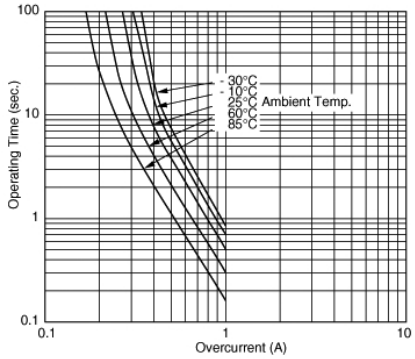
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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