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http://www.murata.com/en/products/productdetail?partno=PTGL4SAS100K2N51B0

PTGL4SAS100K2N51B0









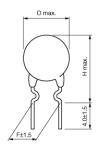
Applications

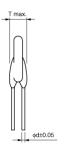
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific Applications	management, and safety required 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
В0	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 +/-
- 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.

1 of 3

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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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PTGL4SAS100K2N51B0



Specifications

Max. Voltage	30V
Hold Current(25°C)	154mA
Hold Current (2)	92mA
Measure Condition of Hold Current (2)	(at +85°C)
Hold Current (3)	65mA
Measure Condition of Hold Current (3)	(at +105°C)
Trip Current(25°C)	205mA
Trip Current(2)	261mA
Measure Condition of Trip Current(2)	(at -40°C)
Max. Current	1.5A
Resistance (25°C)	10Ω
Resistance Value Tolerance (at 25°C)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	0.5W
Operating Temperature Range	-40°C to 125°C
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

2 of 3

Attention

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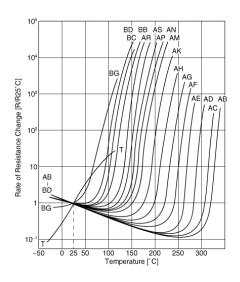
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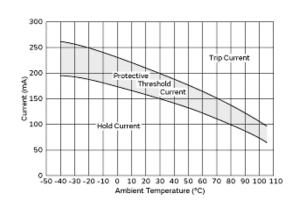
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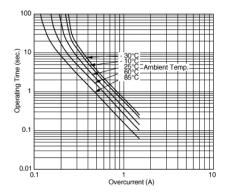


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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