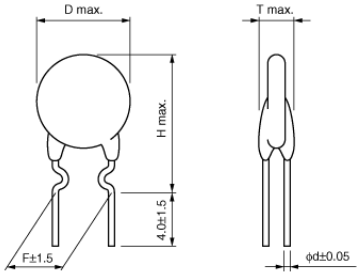
Note: This datasheet may be out of date.
Please download the latest datasheet of PTGL4SAS560K6B51A0 from the official website of Murata Manufacturing Co., Ltd.
http://www.murata.com/en-us/products/productdetail?partno=PTGL4SAS560K6B51A0

PTGL4SAS560K6B51A0

In Production | Recommended | RoHS | REACH

Appearance & Shape





(in mm)

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.

Applications

Automotive Usage	Infotainment
Limited Usage	Automotive Grade

Packaging Information

Packaging	Specifications	Minimum Order Quantity
A0	Ammo Pack	1500

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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PTGL4SAS560K6B51A0

Specifications

Max. Voltage	140V
Hold Current	39mA
Measure Condition of Hold Current	(at +105℃)
Hold Current (2)	56mA
Measure Condition of Hold Current (2)	(at +85℃)
Hold Current (3)	94mA
Measure Condition of Hold Current (3)	(at +25℃)
Trip Current	125mA
Measure Condition of Trip Current	(at +25℃)
Trip Current(2)	159mA
Measure Condition of Trip Current(2)	(at -40℃)
Max. Current	0.5A
Resistance (25℃)	56Ω
Resistance Value Tolerance (at 25℃)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	1.3W
Operating Temperature Range	-40℃ to 125℃

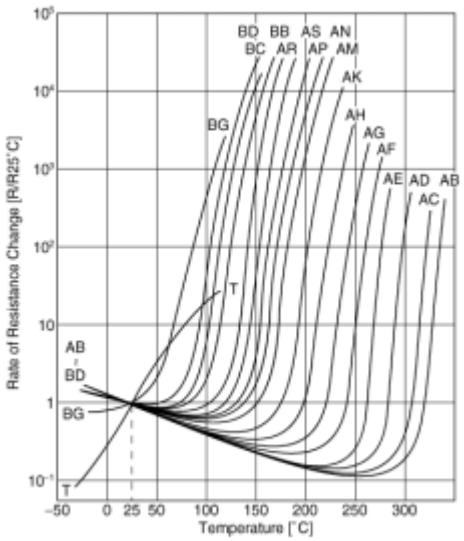
D: Outer Dimension	4.5mm
Thickness	4.5mm
H: Height	9.5mm
F: Lead Space	5mm
d: Lead Diameter	0.6mm
Shape	Lead
Mass	0.43g

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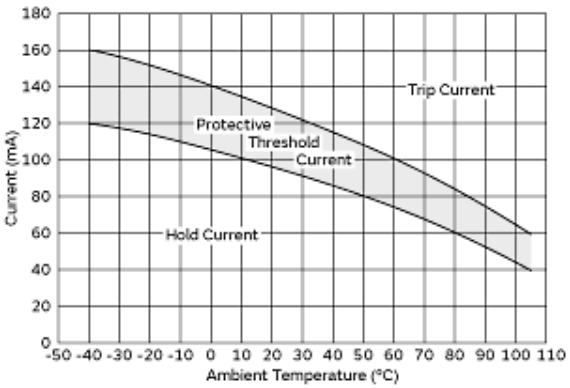
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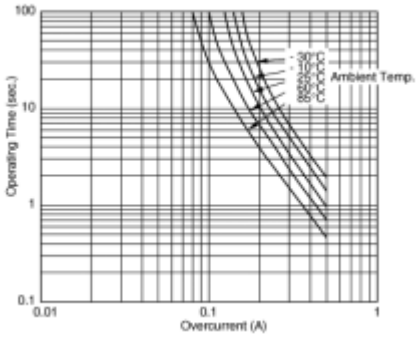
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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