Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL7SAS150K6B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PTGL7SAS150K6B51A0

# PTGL7SAS150K6B51A0









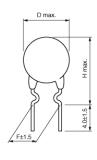
## **Applications**

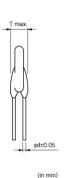
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	. ,	
	Product.	



## Appearance & Shape







## Packaging Information

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	1500



### **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.

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#### 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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# PTGL7SAS150K6B51A0



# **Specifications**

Max. Voltage	140V
Hold Current(25°C)	187mA
Hold Current (2)	112mA
Measure Condition of Hold Current (2)	(at +85°C)
Hold Current (3)	79mA
Measure Condition of Hold Current (3)	(at +105°C)
Trip Current(25°C)	249mA
Trip Current(2)	317mA
Measure Condition of Trip Current(2)	(at -40°C)
Max. Current	1.5A
Resistance (25°C)	15Ω
Resistance Value Tolerance (at 25°C)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	1.7W
Operating Temperature Range	-40°C to 125°C
D- Outer Dimension	7.3mm
Thickness	4.5mm
H- Height	12.3mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.61g
MSL	N

2 of 3

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Product Search Data Sheet

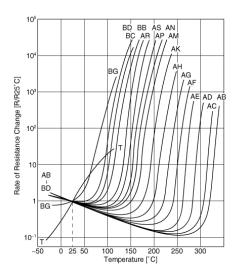
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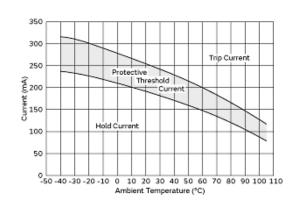
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# PTGL7SAS150K6B51A0

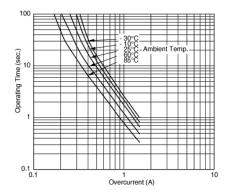


# **Product Data**





### Resistance-Temperature Charac.



### Protective Threshold Current Range

Operating Time (Typical Curve)

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