Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL04AS220K4N51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PTGL04AS220K4N51A0

## PTGL04AS220K4N51A0









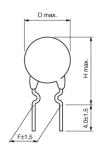
## **Applications**

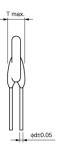
Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
Specific Applications	Industrial Equipment		
	Please refer to Our Website and		
	specifications, etc. for information about		
	the performance, functions, quality,		
	management, and safety required for		
	the above applications, and use		
	Products after confirming the		
	performance and reliability of the actual		
	Product.		



## Appearance & Shape







(in mm)

# Packaging Information

		Standard
Packaging	Specifications	Packing
		Quantity
A0	Ammo Pack	1500



### **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.

1 of 3

#### 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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## PTGL04AS220K4N51A0



## **Specifications**

Max. Voltage	60V
Hold Current(25°C)	112mA
Hold Current (2)	88mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	149mA
Trip Current(2)	175mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	1A
Resistance (25°C)	22Ω
Resistance Value Tolerance (at 25°C)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	0.6W
Operating Temperature Range	-30°C to 85°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	0.25g
MSL	N

2 of 3

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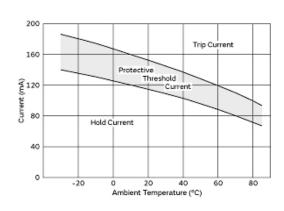
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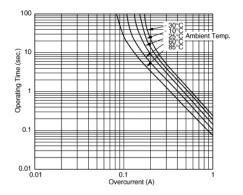


## **Product Data**





### Resistance-Temperature Charac.



### Protective Threshold Current Range

#### Operating Time (Typical Curve)

3 of 3

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