Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL07AR8R2M3P51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PTGL07AR8R2M3P51A0

# PTGL07AR8R2M3P51A0









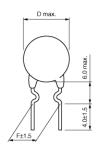
## **Applications**

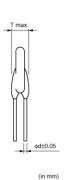
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Industrial Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above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



## Appearance & Shape







## **Packaging Information**

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	1500



## **Features**

- 1. Best suited to meet the requirements for power supplies and motor protection. Error-free operations are assured by rush current.
- 2. Circuit is protected until current is turned off.
- 3. Restores the original low resistance value automatically once the overload is removed.
- 4. 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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http://www.murata.com/en-gb/products/productdetail?partno=PTGL07AR8R2M3P51A0

# PTGL07AR8R2M3P51A0



# **Specifications**

Max. Voltage	56V
Hold Current(25°C)	165mA
Hold Current (2)	130mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	300mA
Trip Current(2)	350mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	1A
Resistance (25°C)	8.2Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120℃
Power Consumption(typ)	0.9W
Operating Temperature Range	-10°C to 60°C
D- Outer Dimension	7.4mm
Thickness	4mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.46g
MSL	N

2 of 3

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### Product Search Data Sheet

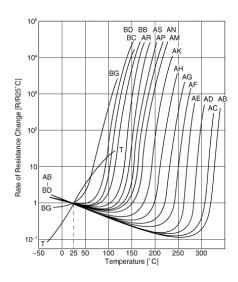
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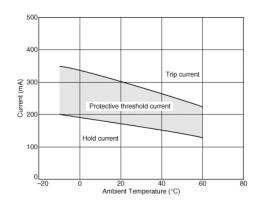
http://www.murata.com/en-gb/products/productdetail?partno=PTGL07AR8R2M3P51A0

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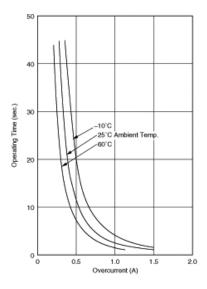


# **Product Data**





### Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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