Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL05AR181M9N51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PTGL05AR181M9N51B0

PTGL05AR181M9N51B0









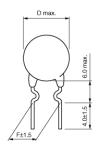
Applications

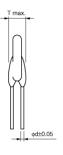
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Industrial Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above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



Appearance & Shape







(in mm)

Pa

Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk(Bag)	500



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

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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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PTGL05AR181M9N51B0



Specifications

Max. Voltage	265V
Hold Current(25°C)	37mA
Hold Current (2)	29mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	60mA
Trip Current(2)	70mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	0.3A
Resistance (25°C)	180Ω
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	6.5mm
Thickness	6.5mm
F- Lead Space	5mm
d- Lead Diameter	0.5mm
Shape	Lead
Mass	0.37g
MSL	N

2 of 3

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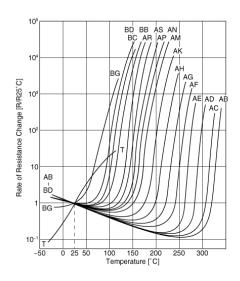
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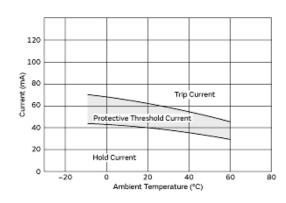
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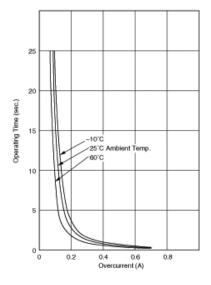


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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