Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL05AR1R0M1B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PTGL05AR1R0M1B51A0

PTGL05AR1R0M1B51A0









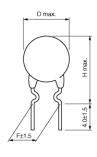
Applications

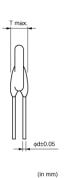
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Industrial Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above 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	2000



Features

- 1. Best suited to meet the requirements for power supplies and motor protection. Error-free operation is 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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PTGL05AR1R0M1B51A0



Specifications

Max. Voltage	16V
Hold Current(25°C)	470mA
Hold Current (2)	370mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	880mA
Trip Current(2)	1040mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	2A
Resistance (25°C)	1Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120℃
Power Consumption(typ)	1.4W
Operating Temperature Range	-10°C to 60°C
D- Outer Dimension	6mm
Thickness	3.5mm
H- Height	9.5mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.33g
MSL	N

2 of 3

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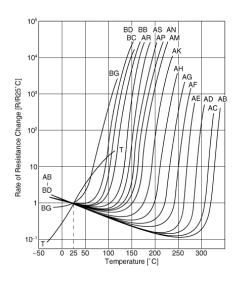
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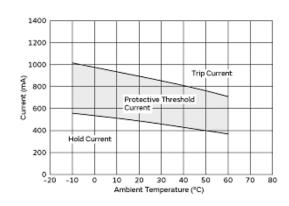
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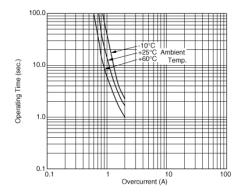


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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