Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL09BD2R2N2B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PTGL09BD2R2N2B51B0

PTGL09BD2R2N2B51B0









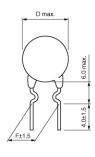
Applications

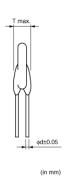
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Industrial Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above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



Appearance & Shape







11

Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk(Bag)	500



Features

- 1. Best suited to meet the requirements of the short-circuit test. Quick response compared with current fuse and resistor and error-free operation are assured.
- 2. Small size save board space. Capable of being mounted anywhere because Alternative is not required.
- 3. Actuates by excessive current during the short-circuit test to restrain abnormal heat generation in other circuit components and printed boards.

This state will be maintained until the abnormal state is removed or power is turned off to reset the "POSISTOR" to the original state. Surface temperature of "POSISTOR" is kept low, below a certain value, during the actuation.

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 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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PTGL09BD2R2N2B51B0



Specifications

Max. Voltage	24V
Hold Current(25°C)	326mA
Hold Current (2)	180mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	431mA
Trip Current(2)	710mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	2A
Resistance (25°C)	2.2Ω
Resistance Value Tolerance (at 25°C)	±30%
Curie Point(typ.)	80℃
Power Consumption(typ)	1.2W
Operating Temperature Range	-10°C to 60°C
D- Outer Dimension	9.5mm
Thickness	4mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.44g
MSL	N

2 of 3

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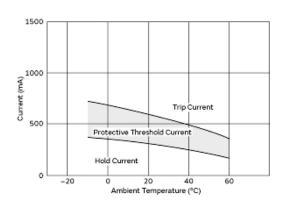
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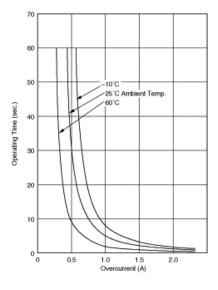


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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