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Please download the latest datasheet of PTGL09BD2R2N2B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PTGL09BD2R2N2B51A0

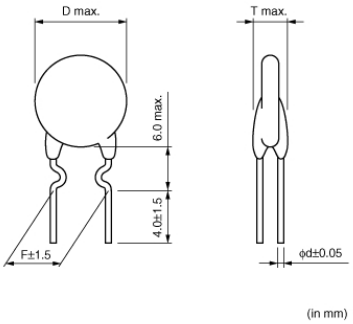
PTGL09BD2R2N2B51A0

Discontinued RoHS REACH

Applications

Unsuitable Applications	Please be sure to read and comply with 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 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.

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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Specifications

Max. Voltage	24V
Hold Current(25℃)	326mA
Hold Current (2)	180mA
Measure Condition of Hold Current (2)	(at +60℃)
Trip Current(25℃)	431mA
Trip Current(2)	710mA
Measure Condition of Trip Current(2)	(at -10℃)
Max. Current	2A
Resistance (25℃)	2.2Ω
Resistance Value Tolerance (at 25℃)	±30%
Curie Point(typ.)	80℃
Power Consumption(typ)	1.2W
Operating Temperature Range	-10℃ to 60℃
D- Outer Dimension	9.5mm
Thickness	4mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.64g
MSL	N

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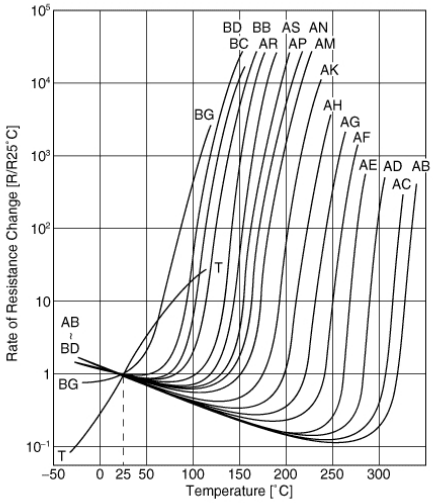
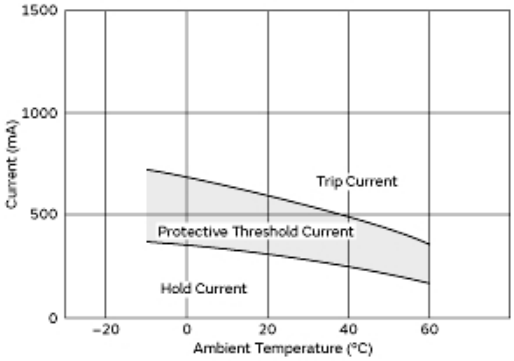
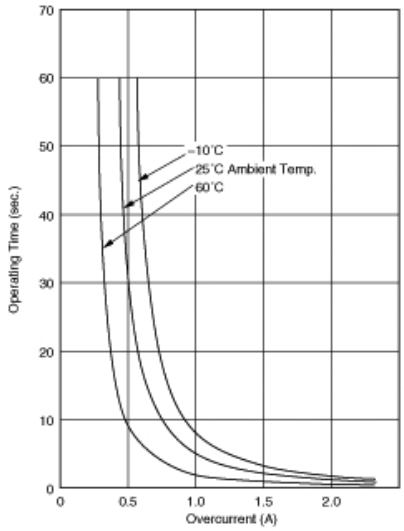
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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