Note: This datasheet may be out of date.
Please download the latest datasheet of PTGL12AR0R2M1B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PTGL12AR0R2M1B51A0

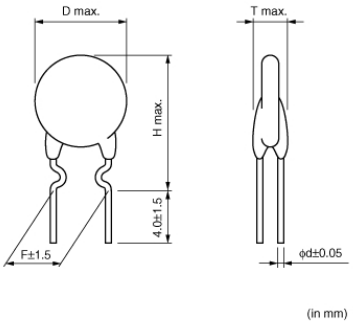
PTGL12AR0R2M1B51A0

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	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.

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.

Note: This datasheet may be out of date.
Please download the latest datasheet of PTGL12AR0R2M1B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PTGL12AR0R2M1B51A0

PTGL12AR0R2M1B51A0

Specifications

Max. Voltage	16V
Hold Current(25℃)	1300mA
Hold Current (2)	1000mA
Measure Condition of Hold Current (2)	(at +60℃)
Trip Current(25℃)	2410mA
Trip Current(2)	2800mA
Measure Condition of Trip Current(2)	(at -10℃)
Max. Current	9A
Resistance (25℃)	0.2Ω
Resistance Value Tolerance (at 25℃)	±20%
Curie Point(typ.)	120℃
Power Consumption(typ)	2W
Operating Temperature Range	-10℃ to 60℃
D- Outer Dimension	11.3mm
Thickness	3.5mm
H- Height	16mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.64g
MSL	N

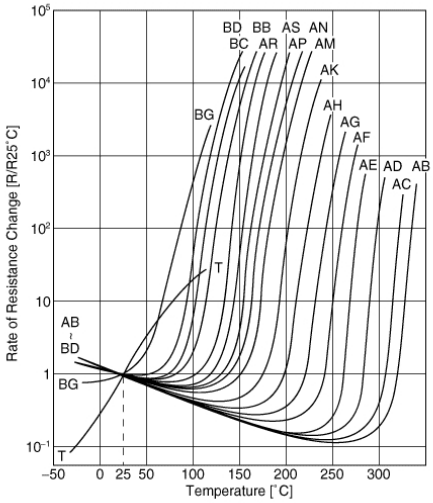
Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet 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.

Note: This datasheet may be out of date.
Please download the latest datasheet of PTGL12AR0R2M1B51A0 from the official website of Murata Manufacturing Co., Ltd.

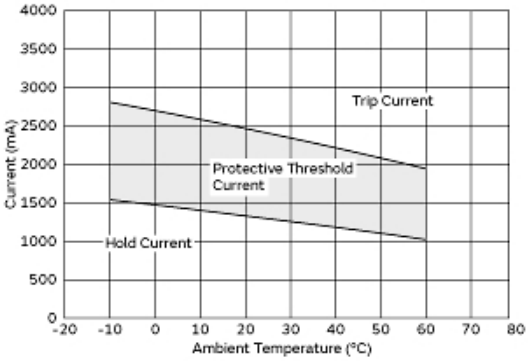
http://www.murata.com/en/products/productdetail?partno=PTGL12AR0R2M1B51A0

PTGL12AR0R2M1B51A0

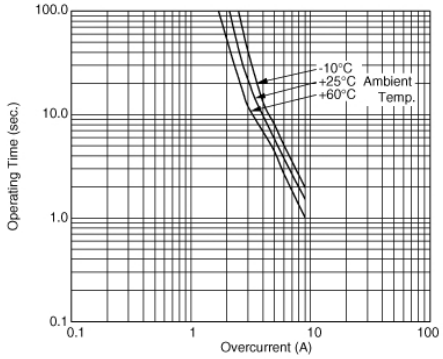
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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.