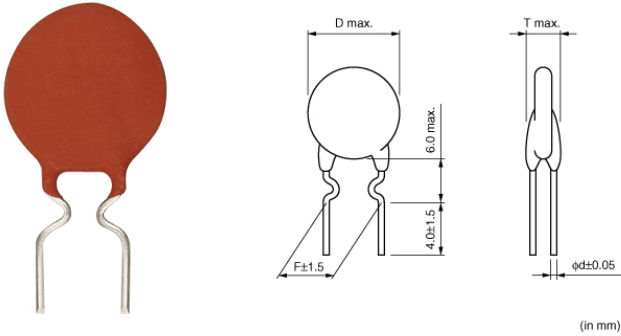


# PTGL12AR100M6C01B0



## Appearance & Shape



## 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.

## Applications


Limited Usage	Consumer Grade
---------------	----------------

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
B0	Bulk(Bag)	250

**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.

# PTGL12AR100M6C01B0



## Specifications

Max. Voltage	140V
Hold Current(25°C)	290mA
Measure Condition of Hold Current	(at +25°C)
Hold Current (2)	220mA
Measure Condition of Hold Current (2)	(at +60°C)
Trip Current(25°C)	440mA
Measure Condition of Trip Current	(at +25°C)
Trip Current(2)	510mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	1A
Resistance (25°C)	10Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120°C
Power Consumption(typ)	2.3W
Operating Temperature Range	-10°C to 60°C
D: Outer Dimension	13mm
Thickness	6mm
F: Lead Space	10mm
d: Lead Diameter	0.65mm
Shape	Lead
Mass	1.6g
MSL	N

### Attention

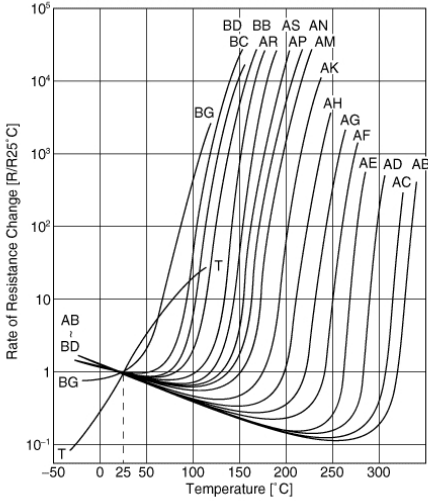
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

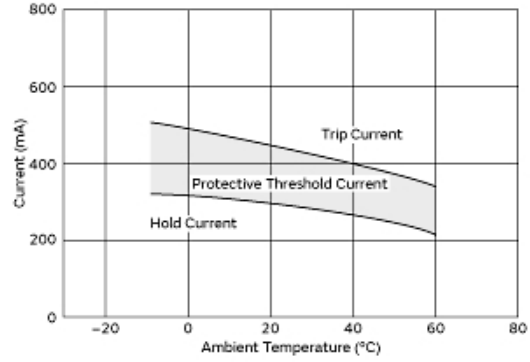
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# PTGL12AR100M6C01B0

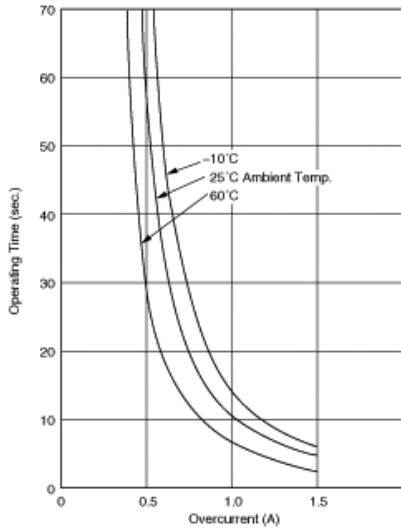
## Product Data



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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* [PTC \(Positive Temperature Coefficient\) Thermistors](#) *category:*

*Click to view products by* [Murata](#) *manufacturer:*

Other Similar products are found below :

[PTCAUX7-36-5C](#) [PTCCL09H251FBE](#) [PTCTL3MR100GTE](#) [PTCCL05H630HTE](#) [B59346A1502P020](#) [PTCTT95R100GTE](#)  
[PTCLL05P131TBE](#) [PTCCL09H541DBE](#) [TFPT0805L1800FV](#) [B59725T1120A062](#) [B59116S0225B010](#) [B59008C0150A040](#)  
[B59100M1090A070](#) [B59100M1145A070](#) [B59873C0120A070](#) [102PS1G](#) [B59300M1150A070](#) [B59339A1501P020](#) [B59770B0120A070](#)  
[B59995C0120A070](#) [YQR100R060](#) [YQS5751PTO](#) [YQS5856PTF](#) [YQS5930PTO](#) [YS5675](#) [YS5918PTO](#) [YQS5898PTO](#) [YQS5868PTF](#)  
[YQD100N1000](#) [KTY81/210,112](#) [B59010D1135B40](#) [B59606A110A62](#) [B59807A90A62](#) [B59830C120A70](#) [B59874C120A70](#)  
[B59960C160A70](#) [YQD120N0025](#) [PTGL12AR270M9C01B0](#) [PTGL12AR100M6C01B0](#) [PTGL09AR390N0B52A0](#) [PTGL07AS2R7K2B51A0](#)  
[PTGL07AS1R8K2B51B0](#) [PTS120601B100RPU00](#) [PTGL10AR3R9M3P51B0](#) [PTGL07BD220N3B51B0](#) [PTGL07AS5R6K4B51B0](#)  
[PTGL07AS150K6B51A0](#) [PTGL07AR8R2M3P51B0](#) [PTGL07AR560M9A51B0](#) [PTGL04AS220K4N51B0](#)