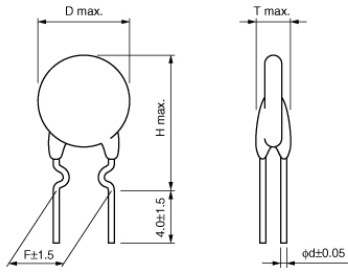


PTGL7SARR47M1B51A0



Appearance & Shape



(in mm)

Features

1. Best suited to meet the requirements for power supply 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.
5. Lead (Pb) is not contained in the terminations.

Applications

| | |
|------------------|------------------|
| Automotive Usage | Infotainment |
| Limited Usage | Automotive Grade |

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| A0 | Ammo Pack | 2000 |

Attention
 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

PTGL7SARR47M1B51A0



Specifications

| | |
|---------------------------------------|---------------|
| Max. Voltage | 16V |
| Hold Current(25°C) | 705mA |
| Measure Condition of Hold Current | (at +25°C) |
| Hold Current (2) | 376mA |
| Measure Condition of Hold Current (2) | (at +85°C) |
| Trip Current(25°C) | 1310mA |
| Measure Condition of Trip Current | (at +25°C) |
| Trip Current(2) | 1634mA |
| Measure Condition of Trip Current(2) | (at -30°C) |
| Max. Current | 5A |
| Resistance (25°C) | 0.47Ω |
| Resistance Value Tolerance (at 25°C) | ±20% |
| Curie Point(typ.) | 120°C |
| Power Consumption(typ) | 1.5W |
| Operating Temperature Range | -30°C to 85°C |
| D: Outer Dimension | 7.5mm |
| Thickness | 3.5mm |
| H: Height | 12mm |
| F: Lead Space | 5mm |
| d: Lead Diameter | 0.6mm |
| Shape | Lead |
| Mass | 0.46g |
| 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.

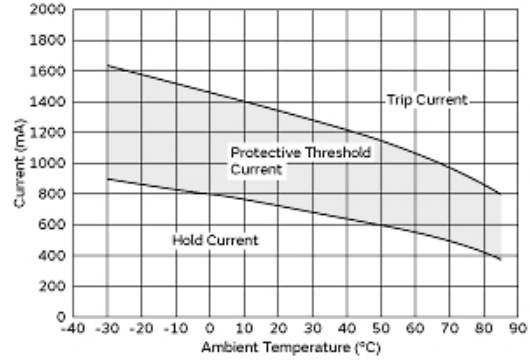
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

PTGL7SARR47M1B51A0

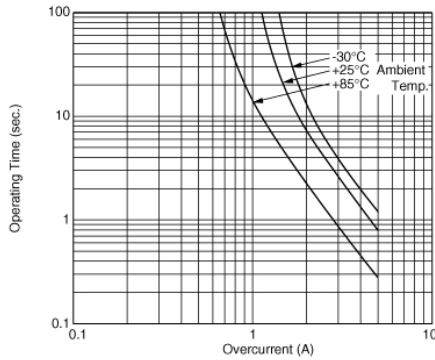
Product Data



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, its 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murata:](#)

[PTGL7SARR47M1B51A0](#)