Note: This datasheet may be out of date.

Please download the latest datasheet of PTGL10AR3R9M3P51B0 from the official website of Murata

Manufacturing Co., Ltd.

https://www.murata.com/en-eu/products/productdetail?partno=PTGL10AR3R9M3P51B0

PTGL10AR3R9M3P51B0





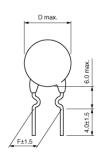


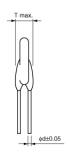




Appearance & Shape







(in mm)



- 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.



Limited Usage	Consumer Grade
Other Usage	DC cooling fan motors in office equipment, e.g., computers, facsimiles, floppy disk drives and power units. DC drive motors in VTRs and cassette tape recorders. Power transformers (at secondary winding)



Packaging Information

Packaging	Specifications	Minimum Order Quantity
В0	Bulk(Bag)	300

1 of 3

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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PTGL10AR3R9M3P51B0



Max. Voltage	56V
Hold Current	210mA
Measure Condition of Hold Current	(at +60°C)
Hold Current (2)	260mA
Measure Condition of Hold Current (2)	(at +25°C)
Trip Current	470mA
Measure Condition of Trip Current	(at +25°C)
Trip Current(2)	550mA
Measure Condition of Trip Current(2)	(at -10°C)
Max. Current	2A
Resistance (25°C)	3.9Ω
Resistance Value Tolerance (at 25°C)	±20%
Power Consumption(typ)	1.2W
Operating Temperature Range	-10°C to 60°C
D: Outer Dimension	10.5mm
Thickness	4mm
F: Lead Space	5mm

d: Lead Diameter	0.6mm
Shape	Lead
Mass	0.55g

2 of 3

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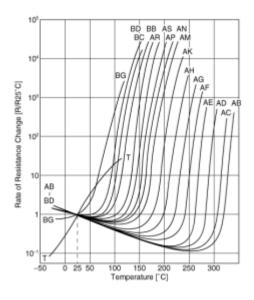
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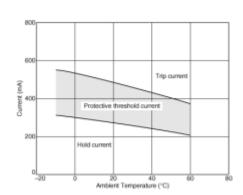
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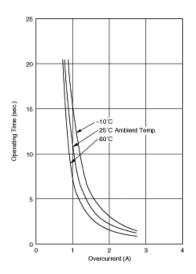
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Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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