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http://www.murata.com/en/products/productdetail?partno=PTGL7SARR47M1B51B0

PTGL7SARR47M1B51B0









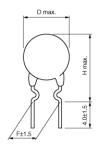
Applications

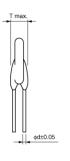
Unsuitable	able Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive powertrain/safety equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
'	management, and safety required for	
Applications	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



Appearance & Shape







(in mm)

Packaging Information

Packaging		Standard Packing Quantity
В0	Bulk(Bag)	500



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.

1 of 3

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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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PTGL7SARR47M1B51B0



Specifications

Max. Voltage	16V
Hold Current(25°C)	705mA
Hold Current (2)	376mA
Measure Condition of Hold Current (2)	(at +85°C)
Trip Current(25°C)	1310mA
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	0.24g
MSL	N

2 of 3

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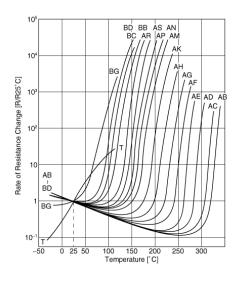
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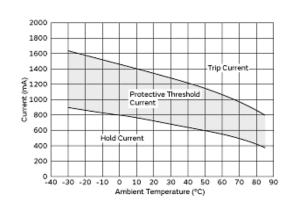
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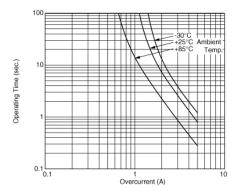


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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