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Please download the latest datasheet of PTGLESARR15M1B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PTGLESARR15M1B51B0

# PTGLESARR15M1B51B0









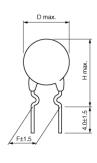
## **Applications**

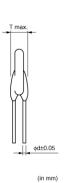
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive powertrain/safety equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Chaoifia	the performance, functions, quality,	
Specific Applications	management, and safety 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
В0	Bulk(Bag)	300



#### **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

#### 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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# PTGLESARR15M1B51B0



# **Specifications**

Max. Voltage	16V
Hold Current(25°C)	1545mA
Hold Current (2)	820mA
Measure Condition of Hold Current (2)	(at +85°C)
Trip Current(25°C)	2855mA
Trip Current(2)	3561mA
Measure Condition of Trip Current(2)	(at -30°C)
Max. Current	10A
Resistance (25°C)	0.15Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	120°C
Power Consumption(typ)	2.3W
Operating Temperature Range	-30°C to 85°C
D- Outer Dimension	13.5mm
Thickness	3.5mm
H- Height	18.5mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.69g
MSL	N

2 of 3

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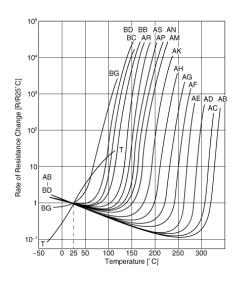
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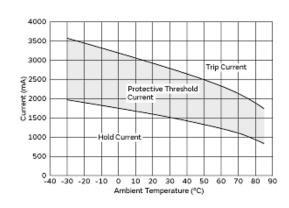
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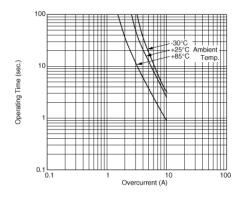


## **Product Data**





#### Resistance-Temperature Charac.



### Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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