

Product Search Data Sheet

PTGLCSAS2R2K4B51A0

REACH

Discontinued RoHS

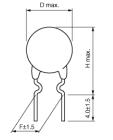
Applications

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



Appearance & Shape





(in mm)

φd±0.05

Note: This datasheet may be out of date. Please download the latest datasheet of PTGLCSAS2R2K4B51A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PTGLCSAS2R2K4B51A0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	1500



1. Useful protective threshold current range with a wide temperature range.

2. Small fluctuation in the circuit due to resistance tolerance +/-10%.

3. Quick operating time due to small size compared with conventional products.

4. Best suited to meet the requirements of power supply and motor protector. Error-free operation is assured by rush current.

5. Circuit is protected until current is turned off.

6. Restores the original low resistance value automatically once the overload is removed.

7. Non-contact design leads to long life and no noise.

Durable and strong against mechanical vibration and shock because it is a solid element.

8. Lead (Pb) is not contained in the terminations.

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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





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Specifications

Max. Voltage 60V Hold Current(25°C) 556mA Hold Current (2) 334mA Measure Condition of Hold (at +85°C) Current (2) Hold Current (3) 234mA Measure Condition of Hold (at +105°C) Current (3) Trip Current(25°C) 739mA Trip Current(2) 942mA Measure Condition of Trip (at -40°C) Current(2) Max. Current 5A 2.2Ω Resistance (25°C) Resistance Value Tolerance ±10% (at 25°C) Curie Point(typ.) 130°C Power Consumption(typ) 2.1W **Operating Temperature** -40°C to 125°C Range **D-Outer Dimension** 11.5mm Thickness 3.5mm H- Height 16.5mm F- Lead Space 5mm 0.6mm d- Lead Diameter Shape Lead Mass 0.79g Ν MSL

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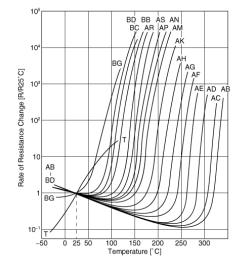
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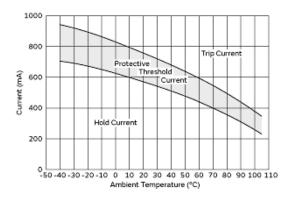
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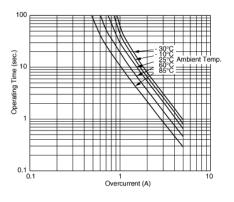
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Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

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