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Please download the latest datasheet of PTGLCSAS1R2K3B51B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PTGLCSAS1R2K3B51B0

PTGLCSAS1R2K3B51B0









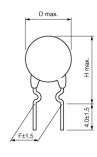
Applications

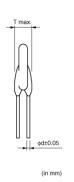
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific	management, and safety required for
Applications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

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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Specifications

Max. Voltage	51V
Hold Current(25°C)	749mA
Hold Current (2)	449mA
Measure Condition of Hold Current (2)	(at +85°C)
Hold Current (3)	315mA
Measure Condition of Hold Current (3)	(at +105°C)
Trip Current(25°C)	996mA
Trip Current(2)	1270mA
Measure Condition of Trip Current(2)	(at -40°C)
Max. Current	5A
Resistance (25°C)	1.2Ω
Resistance Value Tolerance (at 25°C)	±10%
Curie Point(typ.)	130℃
Power Consumption(typ)	2.4W
Operating Temperature Range	-40°C to 125°C
D- Outer Dimension	11.5mm
Thickness	3.5mm
H- Height	16.5mm
F- Lead Space	5mm
d- Lead Diameter	0.6mm
Shape	Lead
Mass	0.59g
MSL	N

2 of 3

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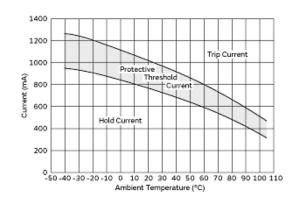
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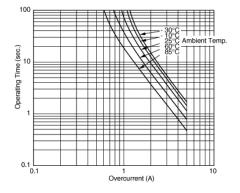


Product Data





Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

3 of 3

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