

Product Search Data Sheet

PRG03BC101RB7RL



Applications

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
	Mobile Electronics, Consumer equipment		
	Please refer to Our Website and		
	specifications, etc. for information about		
Chaoifia	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



	• °		1			
-						
Part Number	Dimensions (mm)					
Part Number	L	W	Т	е	g	
PRG03_RL	0.60±0.05	0.30±0.05	0.30±0.05	0.10 to 0.20	-	
PRG15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.15 to 0.40	-	
PRG18_RB	1.6±0.15	0.8±0.15	0.8±0.15	0.1 to 0.6	-	
PRG21_RA	2.0±0.2	1.25±0.2	0.9±0.2	0.2 min.	0.5 min.	
				0.2 min.	0.5 min.	

g

Note: This datasheet may be out of date. Please download the latest datasheet of PRG03BC101RB7RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG03BC101RB7RL

Packaging Information

Packaging	Specifications	Standard Packing Quantity
RL	180mm Paper Tape	15000



1. Rapid operation to protect the circuit in an overcurrent condition abnormality such as a short circuit.

By removing the overcurrent condition, these products automatically return to the initial condition and can be used repeatedly.

2. Suitable for countermeasure to short circuit test in safety standard

3. Stable resistance after operation due to ceramic PTC

4. Similar size (0603 size) is possible due to the large capacity for electric power.

5. Possible to use these products as current limiting resistors with overcurrent protection functions

6. SMD type is helpful for miniaturizing circuits because of its small size and light weight.

1 of 3

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.





PRG03BC101RB7RL

Note: This datasheet may be out of date. Please download the latest datasheet of PRG03BC101RB7RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG03BC101RB7RL

Specifications

Max. Voltage 15V Hold Current(25°C) 19mA Hold Current (2) 12mA Measure Condition of Hold (at +60°C) Current (2) Hold Current (3) 6mA Measure Condition of Hold (at +75°C) Current (3) Trip Current(25°C) 45mA Trip Current(2) 57mA Measure Condition of Trip (at -20°C) Current(2) Max. Current 174mA Resistance (25°C) 100Ω Resistance Value Tolerance ±20Ω (at 25°C) 90°C Curie Point(typ.) **Operating Temperature** -20°C to 75°C Range Size Code (in mm) 0.6x0.3mm 0.2x0.1inch Size Code (in inch) SMD Shape 0.00025g Mass MSL 1

Glossary of PTC thermistors

Related documents (UL, RoHS, etc.)

2 of 3

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.





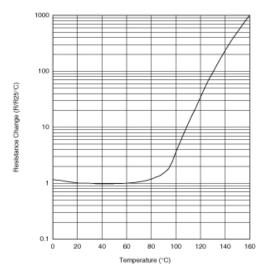
Product Search Data Sheet

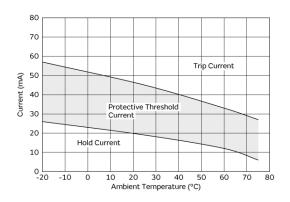
PRG03BC101RB7RL

Note: This datasheet may be out of date. Please download the latest datasheet of PRG03BC101RB7RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG03BC101RB7RL

Product Data





Resistance-Temperature Charac.

Protective Threshold Current Range

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.



3 of 3