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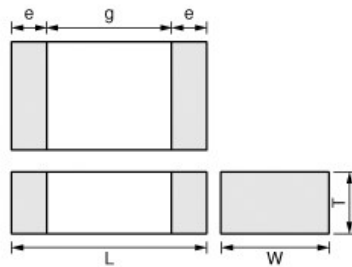
PRF15BB103RB6RC

Sensors > Temperature Sensors > PTC for Temperature Sensor
 Thermistors > PTC Thermistors (POSISTOR®) > PTC for Temperature Sensor

In Production Recommended 

RoHS REACH 

Appearance & Shape



Part Number	Dimensions (mm)				
	L	W	T	e	g
PRF15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.15 to 0.4	0.3 min.
PRF18_RB	1.6±0.15	0.8±0.15	0.8±0.15	0.1 to 0.6	-

Specifications

Max. Voltage	32V
Sensing Temperature	130°C
Sensing Temperature Tolerance	±3°C
Measure Condition of Sensing Temperature	at 4.7M ohm
Resistance (25°C)	10kΩ

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Resistance Value Tolerance (at 25°C)	±50%
Operating Temperature Range	-20°C to 140°C
Size Code (in mm)	1.0x0.5mm
Size Code (in inch)	0.4x0.2inch
Shape	SMD
Mass	0.001g

Features

1. SMD type is helpful for miniaturizing circuits because of its small size and light weight.
2. Excellent thermal response due to small size
3. Solid-state construction provides excellent resistance to mechanical vibration and impact resistance.
4. Contactless operation provides noiseless operation.

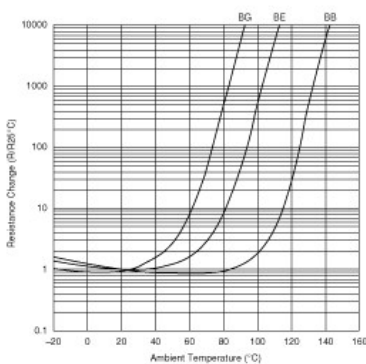
Applications

Limited Usage	Consumer Grade
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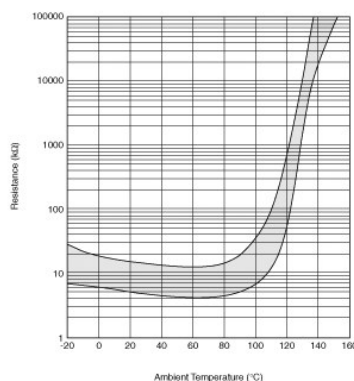
Packaging Information

Packaging	Specifications	Minimum Order Quantity
RC	180mm Paper Tape	10000

Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Charac. Range

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