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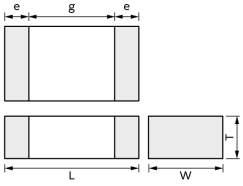
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PRF18BE471QS5RB

In Production | Recommended | AEC-Q200 | RoHS | REACH

Appearance & Shape





Part Number	Dimensions (mm)				
	L	W	T	e	g
PRF03_RL	0.6±0.05	0.3±0.05	0.3±0.05	0.1 to 0.2	-
PRF15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.1 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	-
PRF21_RA	2.0±0.2	1.25±0.2	0.9±0.2	0.2 min.	0.5 min.

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 mechanical vibration and impact resistance.
4. Contactless operation provides noiseless operation.
5. Lead is not contained in the terminations.
6. UL/cULcertified product. (UL1434, File No. E137188)

Applications

Limited Usage	Automotive Grade

Packaging Information

Packaging	Specifications	Standard Packing Quantity
RB	180mm Paper Tape	4000

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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PRF18BE471QS5RB

Specifications

Max. Voltage	32V
Sensing Temperature	85℃
Sensing Temperature Tolerance	±5℃
Measure Condition of Sensing Temperature	at 4.7k ohm
Sensing Temperature(2)	100℃
Sensing Temperature (2) Tolerance	±7℃
Measure Condition of Sensing Temperature(2)	at 47k ohm
Resistance (25℃)	470Ω
Resistance Value Tolerance (at 25℃)	±50%
Operating Temperature Range	-40℃ to 150℃
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.004g
MSL	1

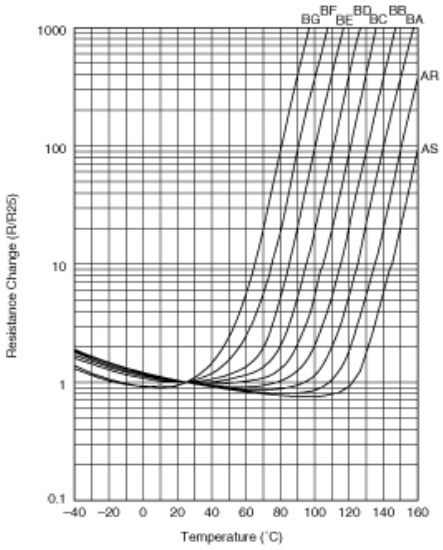
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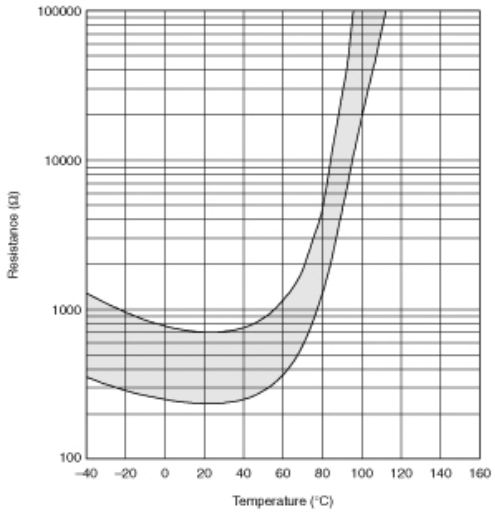
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PRF18BE471QS5RB

Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

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