

● Part Numbering

PTC Thermistors (POSISTOR®) for Overheat Sensing Chip Type

(Part Number)

PR	F	18	BB	471	Q	B5	RB
1	2	3	4	5	6	7	8

① Product ID

Product ID	
PR	PTC Thermistors Chip Type

② Series

Code	Series
F	for Overheat Sensing

③ Dimensions (LxW)

Code	Dimensions (LxW)	EIA
15	1.00x0.50mm	0402
18	1.60x0.80mm	0603
21	2.00x1.25mm	0805

④ Temperature Characteristics

Code	Temperature Characteristics
AR	Curie Point 120°C
AS	Curie Point 130°C
BA	Curie Point 110°C
BB	Curie Point 100°C
BC	Curie Point 90°C
BD	Curie Point 80°C
BE	Curie Point 70°C
BF	Curie Point 60°C
BG	Curie Point 50°C

⑤ Resistance

Expressed by three figures. The unit is ohm (Ω). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

Ex.

Code	Resistance
471	470 Ω

⑥ Resistance Tolerance

Code	Resistance Tolerance	Sensing Temp. Tolerance
Q	Special Tolerance	$\pm 5^\circ\text{C}$
R	Special Tolerance	$\pm 3^\circ\text{C}$

⑦ Individual Specifications

Ex.

Code	Individual Specifications
B□	Structure, others

⑧ Packaging

Code	Packaging
RA	Embossed Taping (4mm Pitch) (4000 pcs.)
RB	Paper Taping (4mm Pitch) (4000 pcs.)
RC	Paper Taping (2mm Pitch) (10000 pcs.)