

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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● Part Numbering

PTC Thermistors (POSISTOR®) for Overcurrent Protection / for Overheat Sensing Lead Type

(Part Number)

PT	GL	07	AR	220	M	3P51	A0
1	2	3	4	5	6	7	8

① Product ID

Product ID	
PT	PTC Thermistors

② Series

Code	Series
FL	for Overheat Sensing Lead Type
FM	for Overheat Sensing with Lug-terminal
GL	for Current Control (Over Current Protection · Inrush Current Suppression) Lead Type

③ Dimensions

Code	Dimensions
04	Nominal Body Diameter 4mm Series
05	Nominal Body Diameter 5mm Series
07	Nominal Body Diameter 7mm Series
09	Nominal Body Diameter 9mm Series
10	Nominal Body Diameter 10mm Series
12	Nominal Body Diameter 12mm Series
13	Nominal Body Diameter 13mm Series
14	Nominal Body Diameter 14mm Series
16	Nominal Body Diameter 16mm Series
18	Nominal Body Diameter 18mm Series
20	Nominal Body Diameter 20mm Series

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
BH	Curie Point 40°C

⑤ Resistance

Expressed by three-digit alphanumerics. 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. If there is a decimal point, it is expressed by the capital letter "R." In this case, all figures are significant digits.

Ex.

Code	Resistance
R22	0.22 Ω
2R2	2.2 Ω
220	22 Ω

⑥ Resistance Tolerance

Code	Resistance Tolerance
H	$\pm 25\%$
K	$\pm 10\%$
M	$\pm 20\%$
N	$\pm 30\%$
Q	Special Tolerance

⑦ Individual Specifications

Ex.

Code	Individual Specifications
3P51	Lead Type, others

⑧ Packaging

Code	Packaging
A*	Ammo Pack
B*	Bulk