

● Part Numbering

NTC Thermistors for Temp. Sensor and Compensation Chip Type



① Product ID

Product ID	
<b>NC</b>	NTC Thermistors Chip Type

② Series

Code	Series
<b>P</b>	Plated Termination Series

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
<b>03</b>	0.60×0.30mm	0201
<b>15</b>	1.00×0.50mm	0402
<b>18</b>	1.60×0.80mm	0603
<b>21</b>	2.00×1.25mm	0805

④ Temperature Characteristics

Code	Temperature Characteristics
<b>WB</b>	Nominal B-Constant 4050
<b>WD</b>	Nominal B-Constant 4150
<b>WF</b>	Nominal B-Constant 4250
<b>WL</b>	Nominal B-Constant 4450
<b>WM</b>	Nominal B-Constant 4500
<b>XC</b>	Nominal B-Constant 3100
<b>XF</b>	Nominal B-Constant 3250
<b>XH</b>	Nominal B-Constant 3350
<b>XM</b>	Nominal B-Constant 3500
<b>XQ</b>	Nominal B-Constant 3650
<b>XV</b>	Nominal B-Constant 3900
<b>XW</b>	Nominal B-Constant 3950

⑤ Resistance

Expressed by three-digit alphanumerics. The unit is ohm ( $\Omega$ ). 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
<b>102</b>	1k $\Omega$
<b>103</b>	10k $\Omega$
<b>104</b>	100k $\Omega$

⑥ Resistance Tolerance

Code	Resistance Tolerance
<b>D</b>	$\pm 0.5\%$
<b>E</b>	$\pm 3\%$
<b>F</b>	$\pm 1\%$
<b>J</b>	$\pm 5\%$

⑦ Individual Specifications

Structures and others are expressed by two figures.

Code	Individual Specifications
<b>03</b>	Standard Type

Please contact us for details.

⑧ Packaging

Code	Packaging
<b>RA</b>	Plastic Taping 4mm Pitch
<b>RB</b>	Paper Taping 4mm Pitch
<b>RC</b>	Paper Taping 2mm Pitch (10000 pcs.)
<b>RL</b>	Paper Taping 2mm Pitch (15000 pcs.)