

## ● Part Numbering

### NTC Thermistors for Temp. Sensor and Compensation Chip Type

(Part Number)

<b>NC</b>	<b>P</b>	<b>18</b>	<b>XH</b>	<b>103</b>	<b>J</b>	<b>03</b>	<b>RB</b>
①	②	③	④	⑤	⑥	⑦	⑧

#### 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>XC</b>	Nominal B-Constant 3100–3149K
<b>XF</b>	Nominal B-Constant 3250–3299K
<b>XH</b>	Nominal B-Constant 3350–3399K
<b>XM</b>	Nominal B-Constant 3500–3549K
<b>XQ</b>	Nominal B-Constant 3650–3699K
<b>XV</b>	Nominal B-Constant 3900–3949K
<b>XW</b>	Nominal B-Constant 3950–3999K
<b>WB</b>	Nominal B-Constant 4050–4099K
<b>WD</b>	Nominal B-Constant 4150–4199K
<b>WF</b>	Nominal B-Constant 4250–4299K
<b>WL</b>	Nominal B-Constant 4450–4499K
<b>WM</b>	Nominal B-Constant 4500–4549K

#### 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 that follow the two figures.

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>F</b>	$\pm 1\%$
<b>E</b>	$\pm 3\%$
<b>J</b>	$\pm 5\%$

#### ⑦ Individual Specifications

Structures and other specifications are expressed by two figures.

Ex.

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

#### ⑧ Packaging

Code	Packaging
<b>RA</b>	Plastic Taping 4mm Pitch (4000 pcs.)
<b>RB</b>	Paper Taping 4mm Pitch (4000 pcs.)
<b>RC</b>	Paper Taping 2mm Pitch (10000 pcs.)
<b>RL</b>	Paper Taping 2mm Pitch (15000 pcs.)