● Part Numbering

NTC Thermistors for Temp. Sensor and Compensation Chip Type

(Part Number) NC P 18 XH 103 J 03 RB

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽

❶Product ID

Product ID	
NC	NTC Thermistors Chip Type

❷Series

Code	Series
P	Plated Termination Series

❸Dimensions (L×W)

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

❹Temperature Characteristics

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

❺Resistance

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.

Ex.

Code	Resistance
102	1kΩ
103	10kΩ
104	100kΩ

❻Resistance Tolerance

Code	Resistance Tolerance
D	±0.5%
E	±3%
F	±1%
J	±5%

❼Individual Specifications

Structures and others are expressed by two figures.

Ex.

Code	Individual Specifications
03	Standard Type

❽Packaging

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