



**THE DATASHEET OF  
NXRT15XH103FA1B040**



## ● Part Numbering

### NTC Thermistor for Temperature Sensor/Lead Type

(Part Number)

NXR	T	15	XH	103	F	A	1	B	040
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

#### ① Product ID

Product ID	
NXR	NTC Thermistor Sensor/Lead Type

#### ② Individual Specifications

Code	Individual Specifications
T	Commercial Type
S	Automotive Type

#### ③ Chip Dimensions

Code	Dimensions (L x T)
15	1.00 x 0.50mm

#### ④ Temperature Characteristics

Code	Temperature Characteristics
XH	Nominal B-Constant 3350–3399K
XM	Nominal B-Constant 3500–3549K
XV	Nominal B-Constant 3900–3949K
WB	Nominal B-Constant 4050–4099K
WF	Nominal B-Constant 4250–4299K

#### ⑤ Resistance

Expressed by three figures. The unit is ( $\Omega$ ). 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
202	2.0k $\Omega$
103	10k $\Omega$
104	100k $\Omega$

#### ⑥ Resistance Tolerance

Code	Resistance Tolerance
F	$\pm 1\%$
E	$\pm 3\%$
J	$\pm 5\%$

#### ⑦ Lead Wire Type

Code	Lead Wire Type
A	Lead Type: $\varnothing 0.4\text{mm}$ Copper-clad Fe Wire, Tinned Lead Insulation Type: $\varnothing 0.46\text{mm}$ Cu Wire with Coat

#### ⑧ Shape of the Lead Wire

Code	Shape of the Lead Wire
1	Lead Spacing 2.5mm
3	Lead Spacing 5.0mm
5	Lead Spacing 2.5mm (Insulation Type)

#### ⑨ Packaging

Code	Packaging
A	Ammo Pack Taping
B	Bulk

#### ⑩ Dimensions (Full Length)

Code	Lead Type	Lead Insulation Type
010	10mm	–
020	20mm	–
025	–	25mm
030	30mm	30mm
035	–	35mm
040	40mm	40mm
045	–	45mm
050	50mm	50mm
016	16mm (Taping Type)	–

## Looking for pricing, stock, or lifecycle information?

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