



**THE DATASHEET OF
NXRT15XH103FA5B040**



● 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 (Ω). 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 Ω
103	10k Ω
104	100k Ω

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: $\varnothing 0.4$ mm Copper-clad Fe Wire, Tinned Lead Insulation Type: $\varnothing 0.46$ 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)	–

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