Part Numbering

NTC Thermistor for Temperature Sensor/Lead Type

(Part Number)

NXR	T	15	XH	103	F	A	1	B	040
❶	❷	❸	❹	❺	❻	❼	❽	❾	❿

❶Product ID

Product ID	
NXR	NTC Thermistor Sensor/Lead Type

❷Individual Specifications

Code	Individual Specifications
T	Commercial Type
S	Automotive Type

❸Chip Dimensions

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

❹Temperature 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

❺Resistance

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	2.0kΩ
103	10kΩ
104	100kΩ

❻Resistance Tolerance

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

❼Lead Wire Type

Code	Lead Wire Type
A	Lead Type: ø0.4mm Copper-clad Fe Wire, Tinned Lead Insulation Type: ø0.46mm Cu Wire with Coat

❽Shape 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)

❾Packaging

Code	Packaging
A	Ammo Pack Taping
B	Bulk

❿Dimensions (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)	–