



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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● 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 (LxT)
15	1.00x0.50mm

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	–
016	16mm (Taping Type)	–