



**THE DATASHEET OF
NXFT15XH103FA1B030**



● Part Numbering

NTC Thermistor for Temperature Sensor Thermo String Type

(Part Number)

NXF	T	15	XH	103	F	A	2	B	025
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

① Product ID

Product ID	
NXF	NTC Thermistors Sensor Thermo String Type

② Individual Specifications

Code	Individual Specifications
T	Commercial Type
S	Automotive Type

③ Chip Dimensions

Code	Dimensions (L x T)	EIA
15	1.00 x 0.50mm	0402

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
103	10k Ω
473	47k Ω
104	100k Ω

⑥ Resistance Tolerance

Code	Resistance Tolerance
F	±1%
E	±3%

⑦ Lead Wire Type

Code	Lead Wire Type
A	∅0.3mm Copper Lead Wire with Polyurethane Coat
E	∅0.3mm Nickel Copper Lead Wire with Enamel Coat

⑧ Shape of the Lead Wire Kink

Code	Shape of the Lead Wire Kink
1	Twisted Lead Wire Type
2	Standard Type (Cooper Wire Type)
A	Standard Type (Nickel Copper Wire Type)

⑨ Packaging

Code	Packaging
B	Bulk

⑩ Dimensions (Full Length)

Code	Dimensions (Full Length)
021	21mm
025	25mm
030	30mm
035	35mm
040	40mm
045	45mm
050	50mm
060	60mm
070	70mm
080	80mm
090	90mm
100	100mm
110	110mm
120	120mm
130	130mm
140	140mm
150	150mm

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