

## ● Part Numbering

### NTC Thermistors for Temperature Sensor Lead Type

(Part Number)

NT	SA0	XH	103	F	E1	B0
①	②	③	④	⑤	⑥	⑦

#### ① Product ID

Product ID	
NT	NTC Thermistors

#### ② Series

Code	Series
SA0	for Temperature Sensors No Lead-coating Type
SD0	for Temperature Sensors Lead-coating Type (Total Length 30mm max.)
SD1	for Temperature Sensors Lead-coating Type (Total Length 30 to 50mm)

#### ③ Temperature Characteristics

Code	Temperature Characteristics
WB	Nominal B-Constant 4050—4099K
WC	Nominal B-Constant 4100—4149K
WD	Nominal B-Constant 4150—4199K
WF	Nominal B-Constant 4250—4299K
XH	Nominal B-Constant 3350—3399K
XM	Nominal B-Constant 3500—3549K
XR	Nominal B-Constant 3700—3749K
XV	Nominal B-Constant 3900—3949K

#### ④ Resistance

Expressed by three-digit alphanumerics. The unit is ohm ( $\Omega$ ).  
The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

Ex.

Code	Resistance
202	2k $\Omega$
203	20k $\Omega$

#### ⑤ Resistance Tolerance

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

#### ⑥ Individual Specifications

A lead structure and other specifications are expressed by two-digit alphanumerics.

Code	Individual Specifications
E1	Standard Bulk ( <b>NTSA</b> , <b>NTSD0</b> Series)
N6	Standard Ammo Pack Taping ( <b>NTSA</b> Series)
PB	Standard Bulk ( <b>NTSD1</b> Series)

#### ⑦ Packaging (NTSA/NTSD0 Series)

Code	Packaging
A0	Ammo Pack Taping
B0	Bulk

#### ⑧ Total Length (NTSD1 Series)

Code	Total Length
30	30mm
40	40mm
50	50mm

# Mouser Electronics

Authorized Distributor

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Murata:

[NTSD1XH103FPB30](#)