

## NTC0201 Series Thermistor Kit

### SMD Negative Temperature Coefficient Thermistor Sample Kit

TDK's NTCG Series Thermistors are manufactured from sintered metal oxides. Each thermistor consists of a combination of two to four of the following materials: Manganese, Nickel, Cobalt, and Copper. NTC thermistors are semiconductor resistors that exhibit decreasing resistance characteristics with increasing temperature. TDK thermistors have low thermal time constants which result in extremely high rates of resistance change to accurately track the temperature.



#### Features

- Lead (Pb) free product
- Wide range of resistances and B constants available
- Good stability of resistance value after soldering
- Standard operating temperature range of  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Storage temperature range of  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$  (after PC board mounting)

Commercial

Thermistor



[Datasheet](#)

#### Applications

- Mobile communication devices
- Computer devices
- DVC, DSC
- Printer
- Optical Transmission System

### NTC0201 Thermistor Sample Kit Includes:

**Case Size:** 0603 (EIA 0201)  
**Resistance [at 25°C]:** 10k-100k $\Omega$   
**Resistance Tolerance:**  $\pm 1\%$ ,  $\pm 3\%$   
**B Value Tolerance:**  $\pm 1\%$ ,  $\pm 3\%$

Kit contains pieces 90 total— 10 pieces per value

Now Available at:



[445-174937-KIT-ND](#)

*Click the link above for ordering information.*

## NTC0201 Thermistor Sample Kit Includes:

Digi-Key Part Number	TDK Part Number	Case Size Resistance Value Tol
445-174937-KIT-ND	NTCG063JF103FTB	0201 10k $\Omega$ $\pm$ 1%
	NTCG063JH103HTB	0201 10k $\Omega$ $\pm$ 3%
	NTCG064BH103HTB	0201 10k $\Omega$ $\pm$ 3%
	NTCG063JF223HTBX	0201 22k $\Omega$ $\pm$ 3%
	NTCG064BF473FTBX	0201 47k $\Omega$ $\pm$ 1%
	NTCG064BF473HTBX	0201 47k $\Omega$ $\pm$ 3%
	NTCG064EF683FTBX	0201 68k $\Omega$ $\pm$ 1%
	NTCG064EF104FTBX	0201 100k $\Omega$ $\pm$ 1%
	NTCG064EF104HTBX	0201 100k $\Omega$ $\pm$ 3%