

NK Series Epoxy-Coated Chip NTC Thermistors

The NK series NTC thermistor offers temperature measurements to 1% accuracies in a wide range of R/T resistance curves to suit your application specific temperature control needs. The epoxy coated chip provides the ideal size and responsiveness that makes the NK adaptable to any packaging design needs.

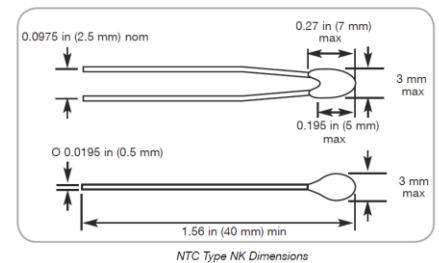
Features

- Accurate temperature measurement, control and compensation
- Tight tolerances on resistance and Beta value
- Suitable for use over the temperature range of -40° C up to +155° C
- Small body diameter
- Fast response
- RoHS compliant



Applications

- Automotive: Engine management, fluid/air/battery temperature
- Industrial: Liquid level detection, water heaters, HVAC
- Consumer: Appliances, climate controls, electronics



R25°C (Ω)	Material	Beta (25/85)	Max Operating Temp °C (°F)	Code R25°C +/-1%	Code R25°C +/-2%	Code R25°C +/-3%	Code R25°C +/-5%	Code R25°C +/-10%
500	2	3540	125 (257)		NK501C2*2	NK501C2*3	NK501C2*5	NK501C2*10
500	2A	3627	125 (257)		NK501C2A*2	NK501C2A*3	NK501C2A*5	NK501C2A*10
1000	2	3540	125 (257)		NK102C2*2	NK102C2*3	NK102C2*5	NK102C2*10
1000	2A	3627	125 (257)		NK102C2A*2	NK102C2A*3	NK102C2A*5	NK102C2A*10
2000	2	3540	125 (257)		NK202C2*2	NK202C2*3	NK202C2*5	NK202C2*10
2000	2A	3627	125 (257)		NK202C2A*2	NK202C2A*3	NK202C2A*5	NK202C2A*10
2200	1	3977	155 (311)	NK222C1*1	NK222C1*2	NK222C1*3	NK222C1*5	NK222C1*10
2700	1	3977	155 (311)	NK272C1*1	NK272C1*2	NK272C1*3	NK272C1*5	NK272C1*10
5000	1	3977	155 (311)	NK502C1*1	NK502C1*2	NK502C1*3	NK502C1*5	NK502C1*10
5000	4A	3436	155 (311)	NK502C4A*1	NK502C4A*2	NK502C4A*3	NK502C4A*5	NK502C4A*10
10000	1	3977	155 (311)	NK103C1*1	NK103C1*2	NK103C1*3	NK103C1*5	NK103C1*10
10000	4A	3436	155 (311)	NK103C4A*1	NK103C4A*2	NK103C4A*3	NK103C4A*5	NK103C4A*10
10000	5	3740	155 (311)	NK103C5*1	NK103C5*2	NK103C5*3	NK103C5*5	NK103C5*10
12000	5	3740	155 (311)	NK123C5*1	NK123C5*2	NK123C5*3	NK123C5*5	NK123C5*10
30000	8	3977	155 (311)	NK303C8*1	NK303C8*2	NK303C8*3	NK303C8*5	NK303C8*10
50000	8	3977	155 (311)	NK503C8*1	NK503C8*2	NK503C8*3	NK503C8*5	NK503C8*10

Replace * in the codes shown above as follows: R: Loose-packed, B: Banded