



NK Series Epoxy-Coated Chip NTC Thermistors

Overview

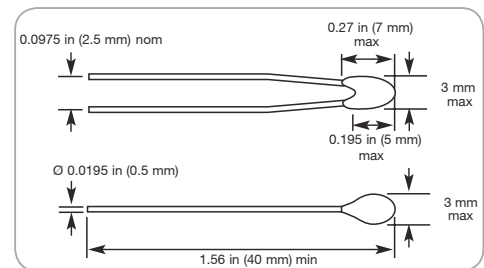
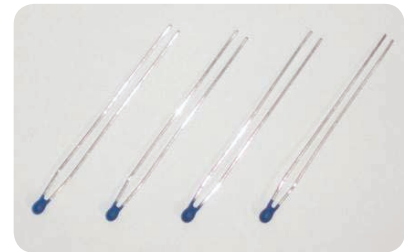
The NK Series of NTC thermistors offers temperature measurements to 1% accuracies in a wide range of R/T resistance curves to suit your application-specific temperature control needs. The epoxy-coated chip provides the ideal size and responsiveness that makes the NK adaptable to any packaging design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



NTC Type NK Dimensions

R25 Ω	Material System	Beta 25/85	Max. Operating Temp. °F (°C)	Code R25°C ±/- 1%	Code R25°C ±/- 2%	Code R25°C ±/- 3%	Code R25°C ±/- 5%	Code R25°C ±/- 10%
500	2	3540	257 (125)		NK501C2*2	NK501C2*3	NK501C2*5	NK501C2*10
500	2A	3627	257 (125)		NK501C2A*2	NK501C2A*3	NK501C2A*5	NK501C2A*10
1000	2	3540	257 (125)		NK102C2*2	NK102C2*3	NK102C2*5	NK102C2*10
1000	2A	3627	257 (125)		NK102C2A*2	NK102C2A*3	NK102C2A*5	NK102C2A*10
1800	2	3540	257 (125)		NK182C2*2	NK182C2*3	NK182C2*5	NK182C2*10
2000	2	3540	257 (125)		NK202C2*2	NK202C2*3	NK202C2*5	NK202C2*10
2000	2A	3627	257 (125)		NK202C2A*2	NK202C2A*3	NK202C2A*5	NK202C2A*10
2200	1	3977	311 (155)	NK222C1*1	NK222C1*2	NK222C1*3	NK222C1*5	NK222C1*10
2700	1	3977	311 (155)	NK272C1*1	NK272C1*2	NK272C1*3	NK272C1*5	NK272C1*10
3000	1	3977	311 (155)	NK302C1*1	NK302C1*2	NK302C1*3	NK302C1*5	NK302C1*10
5000	1	3977	311 (155)	NK502C1*1	NK502C1*2	NK502C1*3	NK502C1*5	NK502C1*10
5000	4A	3436	311 (155)	NK502C4A*1	NK502C4A*2	NK502C4A*3	NK502C4A*5	NK502C4A*10
10000	1	3977	311 (155)	NK103C1*1	NK103C1*2	NK103C1*3	NK103C1*5	NK103C1*10
10000	4A	3436	311 (155)	NK103C4A*1	NK103C4A*2	NK103C4A*3	NK103C4A*5	NK103C4A*10
10000	5	3740	311 (155)	NK103C5*1	NK103C5*2	NK103C5*3	NK103C5*5	NK103C5*10
12000	5	3740	311 (155)	NK123C5*1	NK123C5*2	NK123C5*3	NK123C5*5	NK123C5*10
30000	8	3977	311 (155)	NK303C8*1	NK303C8*2	NK303C8*3	NK303C8*5	NK303C8*10
50000	8	3977	311 (155)	NK503C8*1	NK503C8*2	NK503C8*3	NK503C8*5	NK503C8*10

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