THERMOMETRICS
A COMMITMENT TO EXCELLENCE

Product Spotlight

NTC Chip Thermistors - Type NKA

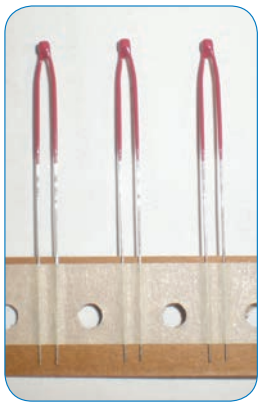
With alternative coatings, NTC Chip Thermistors are designed for robustness and reliability in high volume automotive applications. The NKA format is available in different resistance, curve and coating options. Also available upon request, is a wide range of variants optimized for customer applications.

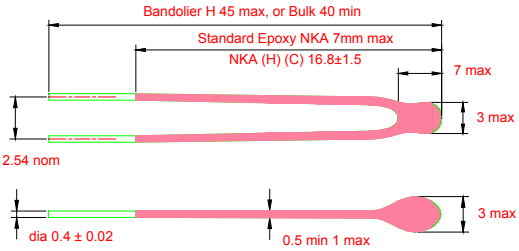
Features

- Designed for accurate temperature measurement, control and compensation
- Tight tolerances on Resistance & B Value
- Operation to 170°C with excellent stability
- High thermal shock resistance
- Coating options available up to 29mm length
  1. Standard epoxy coating for high cycle thermal shock and auto fluids resistance
  2. Alkyd silicone semi-flexible resin for long coating length, small head size
  3. CR1 flexible coating for harsh environment and moisture resistance
- Insulation resistance to 1kV d.c.
- Available on bandolier to IEC 286-2
- RoHS 2011/65/EU / REACH compliant
- AEC Q200 Rev D Tested

Applications

- Automotive - EGR, TMAP, AIM, OAT, HVAC, SDV, IAO2, HEV, BEV, Battery Cover, PEV
- White Goods
- PV Battery Inverter
- Industrial
- Medical
- Marine





NTC Type NKA Dimensions

Ordering Code Options					
NKA	103	C1	R	2	H
Type Code	Resistance value @ 25°C 103 = 10 (3x0) = 10kΩ	RvT Curve B value 1,7,8 = 3977K	R = Loose pack B = Tape & reel	R25 tolerance %	Coating: No code = Epoxy
		2 = 3540K			H = HTF1
		4A = 3436K			C = CR1
		5 = 3740K			

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