

ET2K Series NTC THERMISTOR

The ET2K series are small size chip soldered to 30AWG Solid Silver Plated Nickel Leads with Kynar Insulation. Wide range of tolerances and wire configurations makes them ideal choice for temperature sensing, control and compensation. It is easy and flexible to use.



FEATURES:

- Epoxy coated, excellent mechanical strength
- Excellent thermal cycle endurance
- Small size and fast thermal response time
- Temperature range -40°C to +105°C

APPLICATIONS:

- Temperature sensing in environments where thermal shock and humidity are present
- Assembly into probes for a wide variety of applications
- Air conditioning systems
- Refrigeration control
- Fire Detection Systems

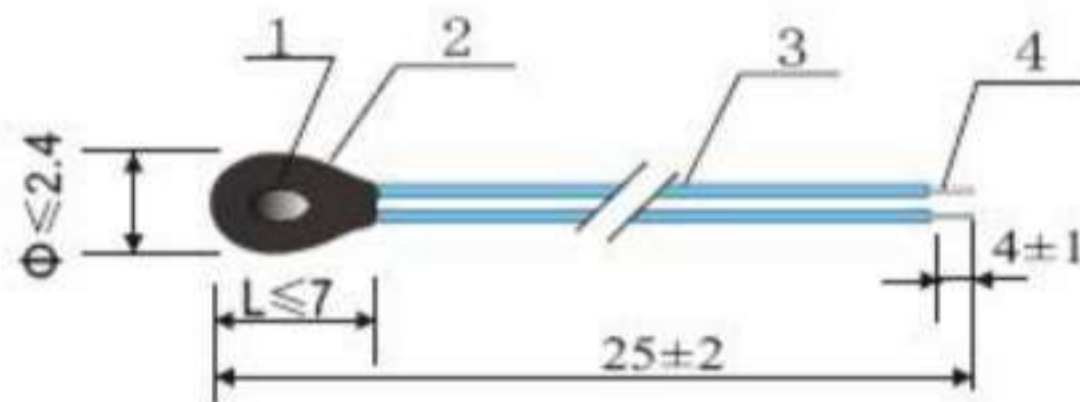
OPTIONS:

- Alternative bead size : OD2.1mm~OD2.5mm
- Alternative Kynar wire gauge: 32#,30#,28#,
- Alternative Kynar wire length: Min15mm-Max2000mm
- Alternative parameter: 10k3435,10k3950,50K3950,100k3950,100k4010,100k4250,etc.

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DIMENSIONS (mm):

ET2K2:



Number	Material & Spec.
1	Thermistor chip
2	Epoxy resin (black)
3	30# 1/0.25 Kynar wire (blue)
4	Tinned 4 ± 1 mm

ELECTRICAL CHARACTERISTICS:

Type	Dissipation Constant (mW/°C) In still air	Thermal Time Constant (s) In still air	Working Temp.
ET2K	≥ 1.7	≤ 16	-40°C~105°C

PACKAGING:

Packaging Option	Standard Quantity
Bulk	500pcs/bag

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ORDERING CODE:

ET2 K2 R25 103 F 3435 F B L25

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① **ET2:** Epoxy Coated Insulation Wire Thermistor

② **Lead type:**

K1:	Kynar Wire 32#
K2:	Kynar Wire 30#
K3:	Kynar Wire 28#

③ **Rated temperature:** 25°C

④ **Resistance value at rated temperature(unit: K) :** 10k

⑤ **Resistance tolerance:** F

D	E	F	G	H	J	K
±0.2%	±0.5%	±1%	±2%	±3%	±5%	±10%

⑥ **Beta value(unit: K) :** 3435

⑦ **B value tolerance:** F

D	E	F	G	H	J	K
±0.2%	±0.5%	±1%	±2%	±3%	±5%	±10%

⑧ **B value temperature code:** B

A	B	C	D	E	F	G	H	M	N	X
25/50	25/85	0/25	0/50	0/100	0/80	25/100	-18/25	-20/25	5/25	others

⑨ **Wire length(mm):** 25