

ET2X Series NTC THERMISTOR

The ET2X series are small size epoxy coated sensing devices with using XLPE wire . 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
- Insulated wire can be bent as per installation conditions
- Excellent thermal cycle endurance
- Small size and fast thermal response time
- Custom size and wire configuration

APPLICATIONS:

- Mobile phones, mobile power supplies, power tools
- Battery pack
- Home appliance

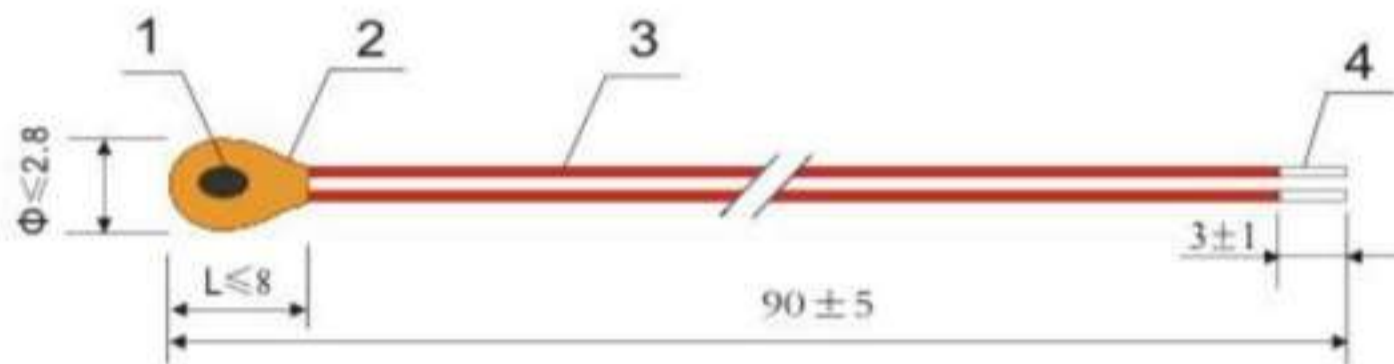
OPTIONS:

- Alternative bead size : OD1.4mm~OD3.5mm
- Alternative XLPE wire gauge: 32#,30#,28#,26#
- Alternative XLPE wire UL No.: UL3266-HF,UL3302-HF, UL4469-HF,UL1430-HF,
- Alternative XLPE wire length: Min15mm~Max2000mm
- Alternative parameter: 10k3435,10k3950,50K3950,100k3950,100k4010,100k4250,etc

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DIMENSIONS (mm):

ET2X1:



Number	Material & Spec.
1	Thermistor chip
2	Epoxy resin (black)
3	UL3266 28# XLPE single wire (red)
4	Tinned 3 ± 1 mm

ELECTRICAL CHARACTERISTICS:

Type	Dissipation Constant (mW/°C) In still air	Thermal Time Constant (s) In still air	Working Temp.
ET2X	≥ 1.7	≤ 16	-40°C~105°C

PACKAGING:

Packaging Option	Standard Quantity
Bulk	500pcs/bag

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ORDERING CODE:

ET2 X1 R25 103 F 3435 F B L90

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

② **Lead type:**

X1:	UL3266-HF	Wire
X2:	UL3302-HF	Wire
X3:	UL4469-HF	Wire
X4:	UL1430-HF	Wire

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):** 90