

## ET1S Series NTC THERMISTOR

The ET1S series NTC thermistors are small size epoxy coated sensing devices. Industry standard characteristics and tolerances makes them ideal choice for low cost high volume applications.



### FEATURES:

- Low Cost
- High Long Term Stability
- Very good endurance against thermal shock
- Good Interchangeability and consistency

### APPLICATIONS:

- Batter pack
- Wireless charger
- Home application
- Cooling and heating equipment
- Ambient temperature monitoring
- Electronic thermometer, calendar, clock temperature display

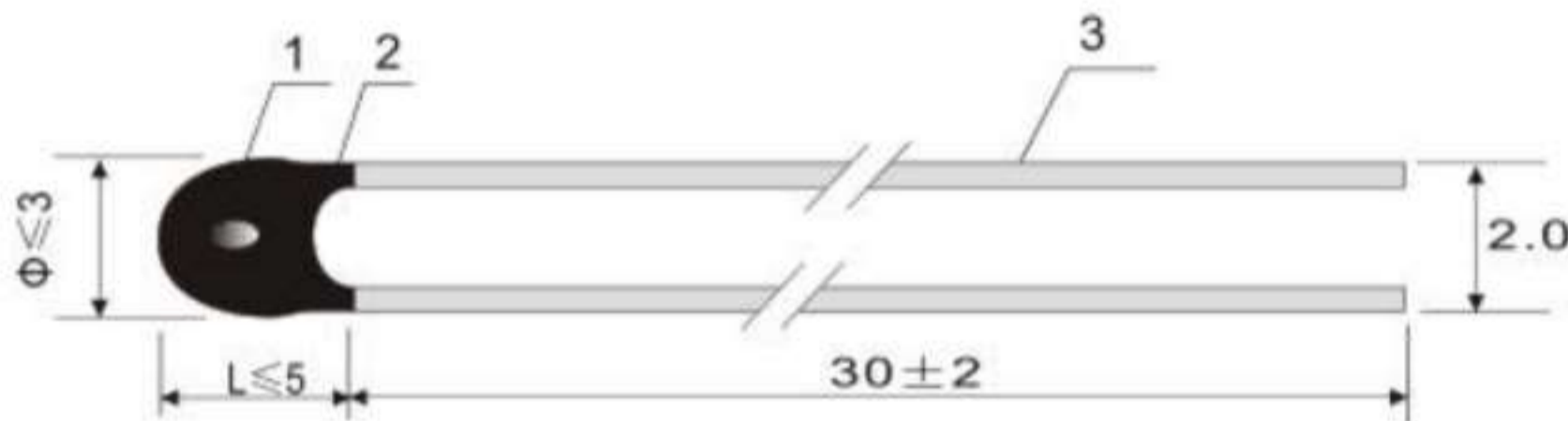
### OPTIONS:

- Alternative bead size : OD2.0mm-OD5.0mm
- Alternative CP wire Length: 7mm-30mm
- Alternative CP wire diameter:  $\Phi$ 0.35mm,  $\Phi$ 0.4mm,  $\Phi$ 0.5mm
- Alternative non-standard resistance values and tolerances

## ET1S Series NTC THERMISTOR

### DIMENSIONS (mm):

#### ET1S1:



Number	Material & Spec.
1	Thermistor chip
2	Epoxy resin (black)
3	$\Phi$ 0.35 CP wire

### ELECTRICAL CHARACTERISTICS:

Type	Dissipation Constant (mW/°C) In still air	Thermal Time Constant (s) In still air	Working Temp.
ET1S	$\geq 1.7$	$\leq 16$	-40°C~125°C

### PACKAGING:

Packaging Option	Standard Quantity
Bulk	500pcs/bag

## ET1S Series NTC THERMISTOR

### ORDERING CODE:

ET1 S1 R25 103 F 3435 F B L30

①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧      ⑨

① ET1: Epoxy Coated Bare Standard Lead Thermistor

② Lead type:

<b>S1:</b>	<b>OD0.35 straight CP wire</b>
<b>S2:</b>	<b>OD0.40 straight CP wire</b>
<b>S3:</b>	<b>OD0.50 straight CP wire</b>

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): 30