

ET1F Series NTC THERMISTOR

The ET1F 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:

- Rigid lead wire structure
- High Long Term Stability
- Excellent thermal cycle endurance
- Low cost

APPLICATIONS:

- Designed for automated assembly
- Engine management systems
- Ambient temperature monitoring
- Temperature control and compensation

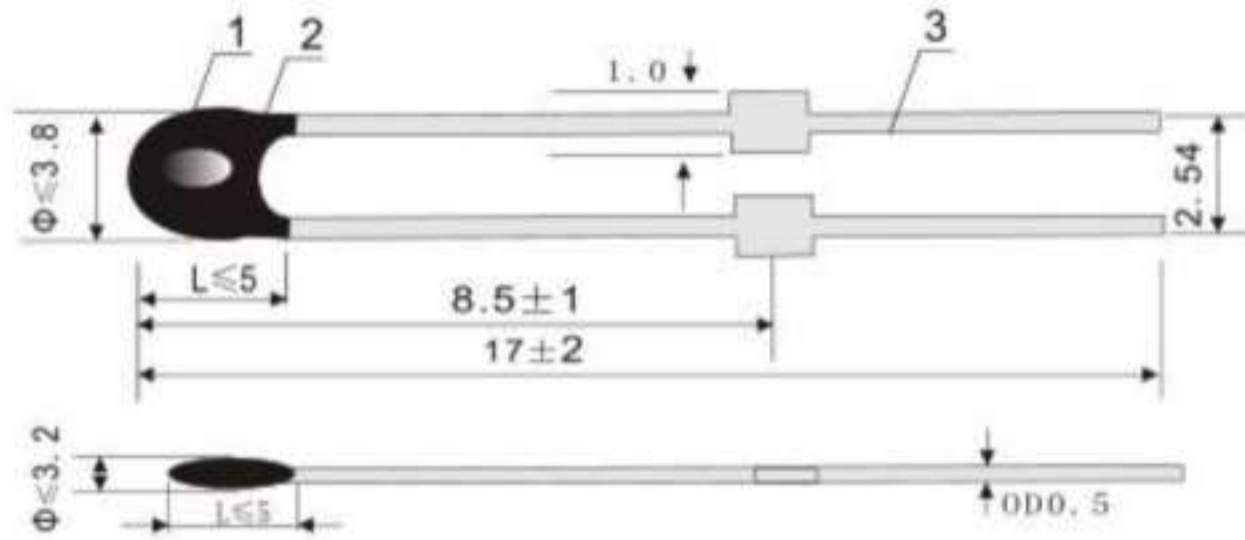
OPTIONS:

- Alternative iron tin plated wire length: 9mm,17mm
- Alternative iron tin plated wire diameter: OD0.5
- Alternative parameter: 10K3435,10K3977,2K3180,1K3100,100K4190

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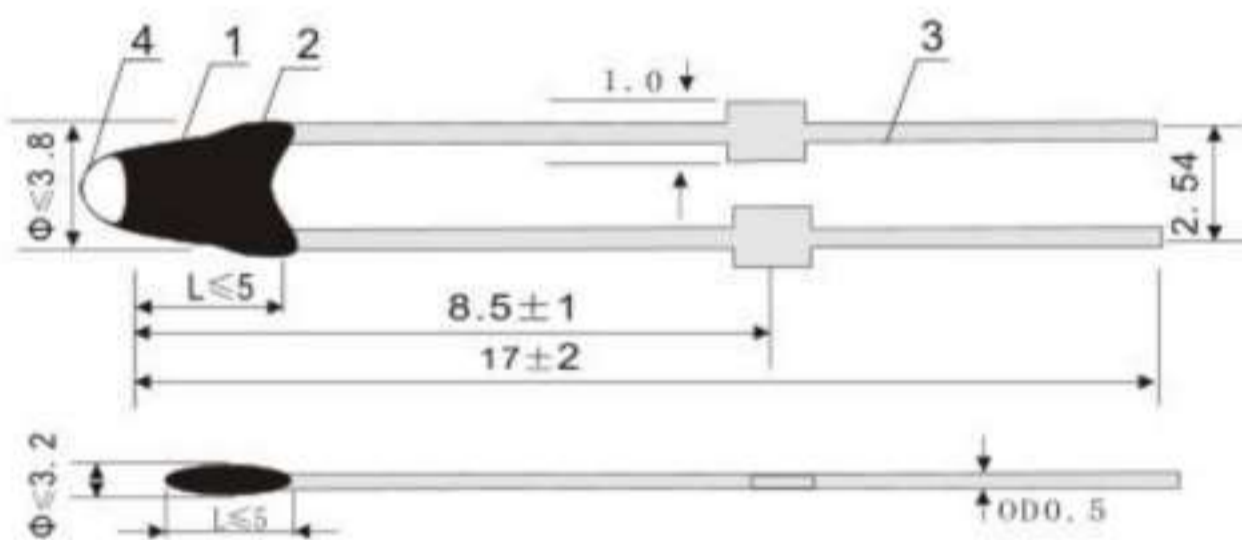
DIMENSIONS (mm):

ET1F1:



Number	Material & Spec.
1	Thermistor chip
2	Epoxy resin (black)
3	Lead wire Fe/Sn OD0.5mm

ET1F2:



Number	Material & Spec.
1	Thermistor chip
2	Epoxy resin (black)
3	Lead wire Fe/Sn OD0.5mm
4	White spot epoxy resin

ELECTRICAL CHARACTERISTICS:

Type	Dissipation Constant (mW/°C) In still air	Thermal Time Constant (s) In still air	Working Temp.
ET1F	≥1.7	≤16	-40°C~125°C

PACKAGING:

Packaging Option	Standard Quantity
Bulk	500pcs/bag

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ORDERING CODE:

ET1 F1 R25 103 F 3435 F B L17

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① **ET1:** Epoxy Coated Bare Frame Lead Thermistor

② **Lead type:**

F1:	Black Epoxy head bead
F2:	Black + White Epoxy head bead
F3:	Black + Blue Epoxy head bead

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):** 17