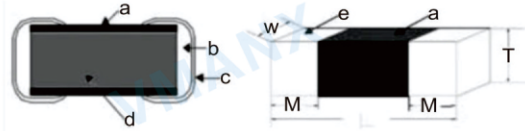


NTC Temperature Sensor



Product Overview

- Glass layer
- Silver Layer
- Ni/Sn plating
- NTC Ceramic Body
- Terminal Electrodes

Technical Parameters

- Bluetooth earphones, e-cigarettes, power banks, heating products, electronic gifts, etc.

- Compact size, lead-free design, excellent solderability, suitable for high-density surface mounting.

- Glass-encapsulated ceramic body provides superior moisture resistance, high reliability, and stability.

- High-precision resistance values and B-constant.
- Operating temperature range: -40°C to +125°C.
- Compliant with RoHS environmental standards.

★Standard Models (Partial List – Contact for Full Specifications).

Package	Quantity	Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating Temp. Range
0402	10K/tray	10K	3380	± 1%	-40 ~125
0603	4K/tray	10K	3950	±2%	
		100K	3950	±3%	
0805	4K/tray	100K	4100	± 5%	
		100K	4100	±T%×3	



Product Overview

- Black epoxy head (1.0–1.5mm)
- Polyurethane-coated copper wire (0.25–0.28mm)
- Operating temperature range: -40°C to +125°C
- Complies with RoHS environmental standards
- Certifications: CQC, TUV, UL, ROHS, REACH

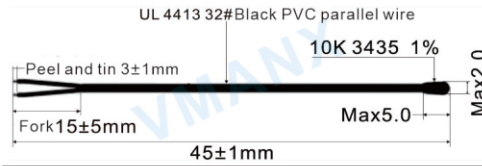
Technical Parameters

- Power banks, wireless chargers, e-cigarettes, Bluetooth earphones, beauty devices, etc.

- Small size, lightweight.
- Fast thermal response, high sensitivity.
- Precise resistance values, excellent consistency.
- Stable structure, high reliability.

★Standard Models (Partial List – Contact for Full Specifications).

Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating temperature range °C
10K	3380	± 1%	-40 ~125
10K	3950	±2%	
100K	3950	±3%	
100K	4100	± 5%	
		±T%×3	



Product Overview

- Black epoxy resin head (1.8–2.2 mm)
- PVC wire: 105°C
- PE irradiated wire: 105°C, 125°C, 150°C
- PTFE (Teflon) wire: 150°C, 180°C, 200°C
- Operating temperature range: -40°C to 200°C
- Certifications: CQC, TUV, UL, RoHS, REACH

Technical Parameters

- Mobile power supplies, energy storage, BMS, heat-generating products, etc.

• Different wire materials have different temperature coefficients. Select the appropriate wire material based on product requirements. The tail end can be customised with corresponding terminals according to different customer requirements.

★Standard Models (Partial List – Contact for Full Specifications).

Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating temperature range °C
10K	3380	± 1% ± 2% ± 3% ± 5% ± T%×3	-40 ~200
10K	3950		
100K	3950		
100K	4100		



Product Overview

- Black epoxy resin head with copper ring (Standard sizes: M3, M4, M5)
- PVC wire, temperature-resistant up to 105°C
- PE irradiated wire, rated for 105°C, 125°C, 150°C
- Teflon (PTFE) wire, rated for 150°C, 180°C, 200°C
- Operating temperature range: -40°C to 200°C
- Certifications: CQC, TUV, UL, RoHS, REACH

Technical Parameters

- New energy, energy storage, charging stations, small appliances, heating products, etc.

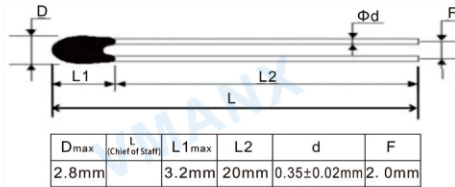
• Wire materials have different temperature ratings - select according to application needs. Terminal heads can be customized with specific metal parts per customer requirements."

★Standard Models (Partial List – Contact for Full Specifications).

Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating temperature range °C
10K	3380	± 1% ± 2% ± 3% ± 5% ± T%×3	-40 ~200
10K	3950		
100K	3950		
100K	4100		



- Compact size, lightweight design
- Fast thermal response, high sensitivity
- High resistance accuracy, excellent consistency
- Stable structure, superior reliability
- Long-term stable performance
- Cost-effective mass production



Product Overview

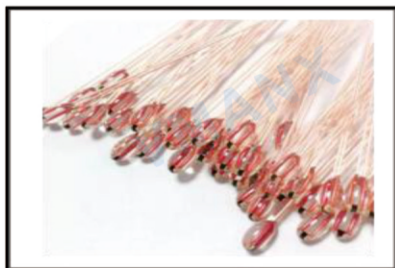
- Black epoxy resin terminal head
- Tin-plated copper-clad steel wire
- Operating temperature range: -40°C to 150°C
- Certifications: CQC, TUV, UL, RoHS, REACH

Technical Parameters

- Household appliances, automotive electronics, medical electronics, wearable devices, etc

★Standard Models (Partial List – Contact for Full Specifications).

Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating temperature range °C
10K	3380	± 1%	-40 ~150
10K	3950	±2%	
100K	3950	± 3%	
100K	4100	± 5% ±T%※3	



Product Overview

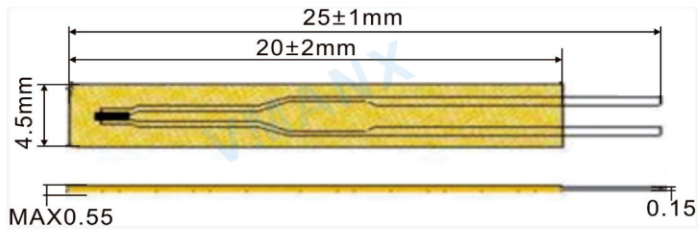
- Glass-sealed terminal head (D1: 1.3–1.65 mm)
- MF51 Dumet wire (D2: 0.25 mm)
- MF58 tin-plated copper-clad steel wire
- Operating temperature range: -40°C to 300°C
- Certifications: CQC, TUV, UL, RoHS, REACH

Technical Parameters

- Printer (office appliance), hair curler, beauty device, oven, range hood (household appliance), fire alarm system, etc."

★Standard Models (Partial List – Contact for Full Specifications).

Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating temperature range °C
10K	3380	± 1%	-40 ~300
10K	3950	±2%	
100K	3950	±3%	
100K	4100	± 5% ±T%※3	



Product Overview

- TTF Film, Ultra-Small Chip Superconducting Response



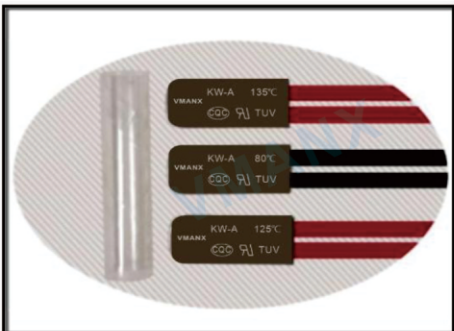
Technical Parameters

- Computers, printers, small household appliances, heating products, beauty devices, etc.

★Standard Models (Partial List – Contact for Full Specifications).

Resistance (25°C)	B-Value (25/50°C)	Tolerance	Operating temperature range °C
10K	3380	± 1% ± 2% ± 3%	-40 ~125
10K	3950		
100K	3950		
100K	4100	± 5% ± 1%×3	

- Compact & lightweight
- Excellent insulation & flame resistance, high resistance accuracy
- Fast response time, high testing precision
- Safe operation, rugged structure for automated installation



Sleeve: 35mm transparent sleeve

Wire model: UL 3135 20 # Brown Red
Wire size: 60mm half stripped 10mm
(The wire model and size can be executed according to customer requirements)



Housing dimensions: 20*7.4*3.6

Product Overview

- Rated Current: 6A/250V AC
- Temperature Characteristics : Operating Temperature Range: 50°C to 155°C (±5°C tolerance)

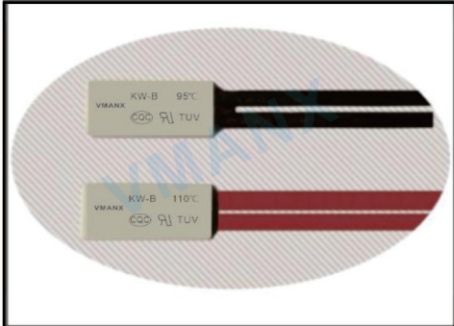
Technical Parameters

- Overheating protection for fractional horsepower motors, electric heating appliances, fluorescent lamp ballasts, transformers, automotive motors,

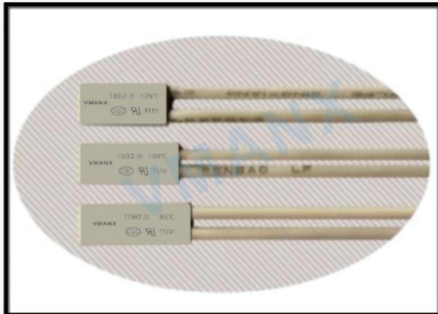
★Standard Models (Partial List – Contact for Full Specifications).

Trip Temperature	Reset Temperature	Trip Temperature	Reset Temperature
50± 5°C	45±8°C	105± 5°C	70± 15°C
55± 5°C	45±8°C	110± 5°C	75± 15°C
60± 5°C	45± 10°C	115± 5°C	75± 15°C
65± 5°C	50± 10°C	120± 5°C	80± 15°C
70± 5°C	50± 15°C	125± 5°C	85± 15°C
75± 5°C	50± 15°C	130± 5°C	90± 15°C
80± 5°C	55± 15°C	135± 5°C	90± 15°C
85± 5°C	55± 15°C	140± 5°C	95± 15°C
90± 5°C	60± 15°C	145± 5°C	95± 15°C
95± 5°C	65± 15°C	150± 5°C	100± 15°C
100± 5°C	70± 15°C	155± 5°C	105± 15°C

Special specifications can be customized according to customer requirements.



- Low resistance, fast temperature sensing
- Quick response, safe and reliable
- Compact size, long service life



- Low resistance with rapid thermal response
- High sensitivity actuation, safe and reliable operation
- Compact design with extended service life

Housing dimensions:
 12*5.4*2.4
 13.5*5.4*2.4
 15*5.4*2.4

Wire model: UL 3266 22 # White
 Wire size: 60mm half stripped 10mm
 (The wire model and size can be executed according to customer requirements)



Product Overview

- Rated Current: 2A / 250V AC
- Temperature Characteristics: Trip Temperature: 50–155°C (±5°C tolerance)

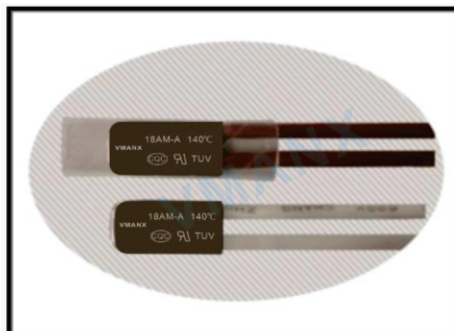
Technical Parameters

- Overheating protection for horsepower motors, electric heating appliances, fluorescent lamp ballasts, transformers, automotive motors, integrated circuits, and general electrical equipment.

★Standard Models (Partial List – Contact for Full Specifications).

Trip Temperature	Reset Temperature	Trip Temperature	Reset Temperature
50± 5°C	≥35°C	105± 5°C	70± 15°C
55± 5°C	42±6°C	110± 5°C	75± 15°C
60± 5°C	45±8°C	115± 5°C	75± 15°C
65± 5°C	48± 10°C	120± 5°C	80± 15°C
70± 5°C	50± 12°C	125± 5°C	85± 15°C
75± 5°C	50± 15°C	130± 5°C	90± 15°C
80± 5°C	55± 15°C	135± 5°C	90± 15°C
85± 5°C	55± 15°C	140± 5°C	95± 15°C
90± 5°C	60± 15°C	145± 5°C	95± 15°C
95± 5°C	65± 15°C	150± 5°C	100± 15°C
100± 5°C	70± 15°C	155± 5°C	105± 15°C

Special specifications can be customized according to customer requirements.



- Low impedance with rapid thermal response
- Precision actuation - failsafe operation guaranteed
- Compact form factor with extended service life

Sleeve: 30mm transparent sleeve

Wire model: UL 3135 20 # Brown Red
 Wire size: 60mm half stripped 10mm
 (The wire model and size can be executed according to customer requirements)



Housing dimensions: 16*7*3

Product Overview

- Rated Current: 6A/250V AC
- Temperature Characteristics: Trip Temperature Range: 50–155°C (±5°C tolerance).

Technical Parameters

- Overheating protection for fractional horsepower motors, electric heating appliances, fluorescent lamp ballasts, transformers, automotive motors, integrated circuits, and general electrical equipment.

★Standard Models (Partial List – Contact for Full Specifications).

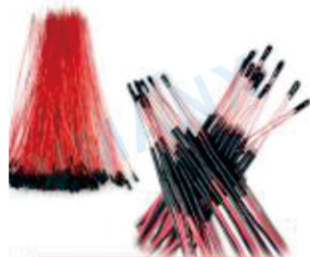
Trip Temperature	Reset Temperature	Trip Temperature	Reset Temperature
50± 5	35± 10	105± 5	70± 15
55± 5	38± 10	110± 5	75± 15
60± 5	40± 10	115± 5	75± 15
65± 5	45± 15	120± 5	80± 15
70± 5	45± 15	125± 5	85± 15
75± 5	50± 15	130± 5	90± 15
80± 5	55± 15	135± 5	95± 15
85± 5	55± 15	140± 5	95± 15
90± 5	60± 15	145± 5	100± 15
95± 5	65± 15	150± 5	105± 15
100± 5	70± 15	155± 5	110± 15

Special specifications can be customized according to customer requirements.

Application scenarios



SMD NTC



Enameled wire BMF52B



Small leather



Axial glass seal BMF58



CP line BMF2A



Film BMF55



Single ended glass sealed BMF51



Universal copper ring



Special for rice



PT100 Platinum resistance



Waterproof universal type



Stainless steel thread type



Special for smart toilet



New energy general type



Oven Smile Wave Stove Special



Normally closed temperature control switch



Special for smart toilet