



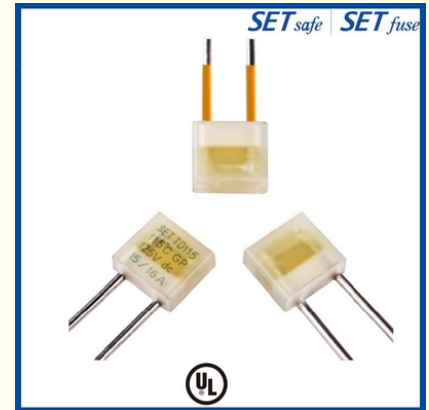
# SET Series Thermal Fuse 15/16A 125V 115°C SET Radial Alloy Type Fuse Square Box Fuse

Our Product Introduction

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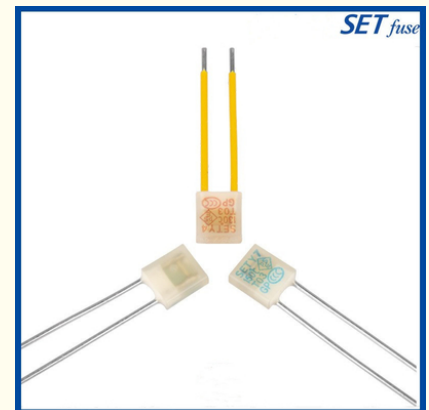
## Basic Information

- Place of Origin: China
- Brand Name: SET
- Certification: RoHS
- Model Number: TD series thermal fuse
- Minimum Order Quantity: 1000PCS
- Price: Negotiation
- Packaging Details: 1000pcs/reel
- Delivery Time: 5-7 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union
- Supply Ability: 100,000 pieces/month

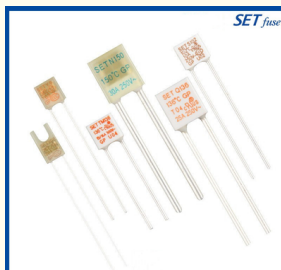


## Product Specification

- Rated Current: 1A-60A
- Rated Voltage: 250V
- Case: Plastic
- Action Temperature: 75°C To 150°C
- Shape: Square
- Fuse Element: Low Melting Point Alloy Wire
- Coated: Resin
- Lead Wire: Pin Copper Wire
- Plating: Tinned Plated
- Packing: Bulk, Plastic Bag
- High Light: TD Series Thermal Fuse
- Highlight: 16A Thermal Fuse, 125V Thermal Fuse



## More Images



## Product Description

### Product Description:

SET Series Thermal Fuse 25A 250V 130°C SET Radial Alloy Type Fuse Square Box Fuse

#### 技术参数 Specifications

型号 Model	额定动作 温度 $T_r$	熔断温度 Fusing Temp.	保持温度 $T_h$	极限温度 $T_m$	额定电流 $I_r$	额定电压 $U_r$	标称放电 电流 $I_n$ 8 / 20 $\mu$ s (16 Times)	最大放电 电流 $I_{max}$ 8 / 20 $\mu$ s (1 Time)	UL	cUL	TUV	CCC	RoHS REACH
	(°C)	(°C)	(°C)	(°C)	(A)	(V)	(kA)	(kA)					
Q102	102	98 ± 2	66	200	25	AC 250	12	25	○	○	○	○	●
						AC 400			○	○	●	●	●
						DC 120			○	○	●	●	●
Q115	115	111 ± 2	82	200	25	AC 250	15	30	●	●	○	○	●
						AC 300			●	●	○	○	●
						AC 400			○	○	●	●	●
						DC 120			○	○	●	●	●
Q125	125	121 ± 2	90	200	25	AC 250	15	30	○	○	○	○	●
						AC 400			○	○	●	●	●
						DC 120			○	○	●	●	●
Q136	136	131 ± 2	102	200	25	AC 250	15	30	●	●	○	○	●
						AC 300			●	●	○	○	●
						AC 400			○	○	●	●	●
						DC 120			○	○	●	●	●

Rated current: 1A to 20A

Rated voltage: 250V

Action temperature: 75°C to 150°C

Case: Plastic

Shape: Square

Model No	Functon Tempcart urc (°C)	Fusing Temepera ture (°C)	Holding Temperatu re (°C)	Maximum Temperature Limit(°C)	Voltage Rating (V)	Amper Rating (A)
Y01	75°C	72±1	55	130	250	1—20
Y02	76°C	73±1	55	130	250	1—20
Y03	80°C	75±2	58	130	250	1—20
Y05	85°C	80±2	62	130	250	1—20
Y06	90°C	85±2	65	130	250	1—20
Y07	95°C	90±1	68	130	250	1—20
Y08	98°C	96±1	70	130	250	1—20
Y09	100°C	97±1	72	150	250	1—20
Y10	102°C	98±1	72	150	250	1—20
Y11	103°C	99±2	73	150	250	1—20
Y12	105°C	100±2	75	150	250	1—20
Y18	110°C	105±1	80	150	250	1—15
Y20	115°C	111±2	87	150	250	1—15
Y28	120°C	115±1	90	150	250	1—20
Y30	125°C	121±2	95	150	250	1—20
Y32	126°C	121±2	95	150	250	1—20
Y33	127°C	122±2	96	150	250	1—20
Y35	130°C	126±1	102	150	250	1—20
Y36	133°C	130±1	103	150	250	1—20
Y38	135°C	130±1	105	150	250	1—20
Y39	136°C	131±1	105	150	250	1—20
Y46	140°C	136±1	110	160	250	1—20

Y48	145°C	140±1	114	180	250	1—20
Y50	150°C	146±1	120	180	250	1—20

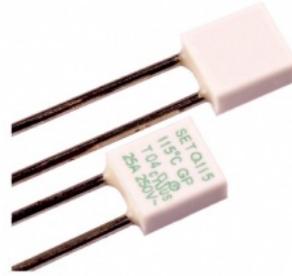
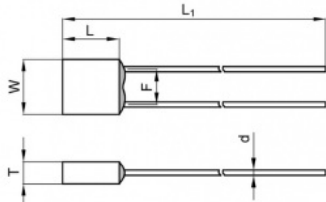
### Structure

The thermal fuse is composed of plastic shell, low melting point alloy wire, special resin, lead copper wire and sealing resin.

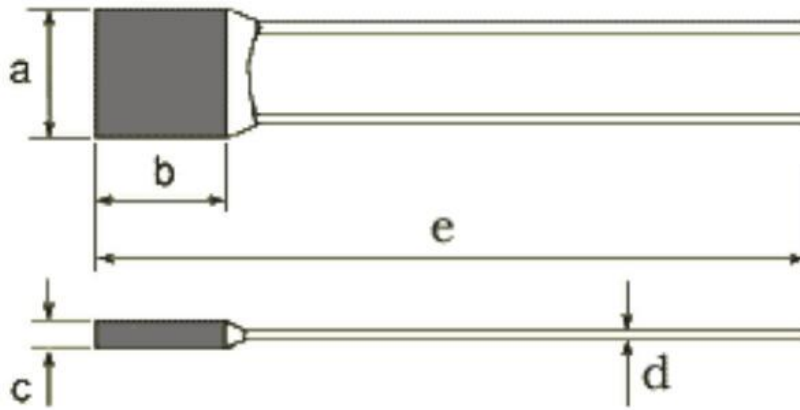
### Appearance

The marking must be clear; the sealing resin should fill the mouth and it is acceptable; the lead tin-plated layer is good; there is no oxidized black spot damage; the shell has no damage marks, perforations, etc.

### 尺寸 Dimensions (mm)



L	L <sub>1</sub>	W	T	d	F
11.5±0.5	50.0±2.0	10.8±0.5	4.8±0.2	1.60±0.05	6.6±0.8

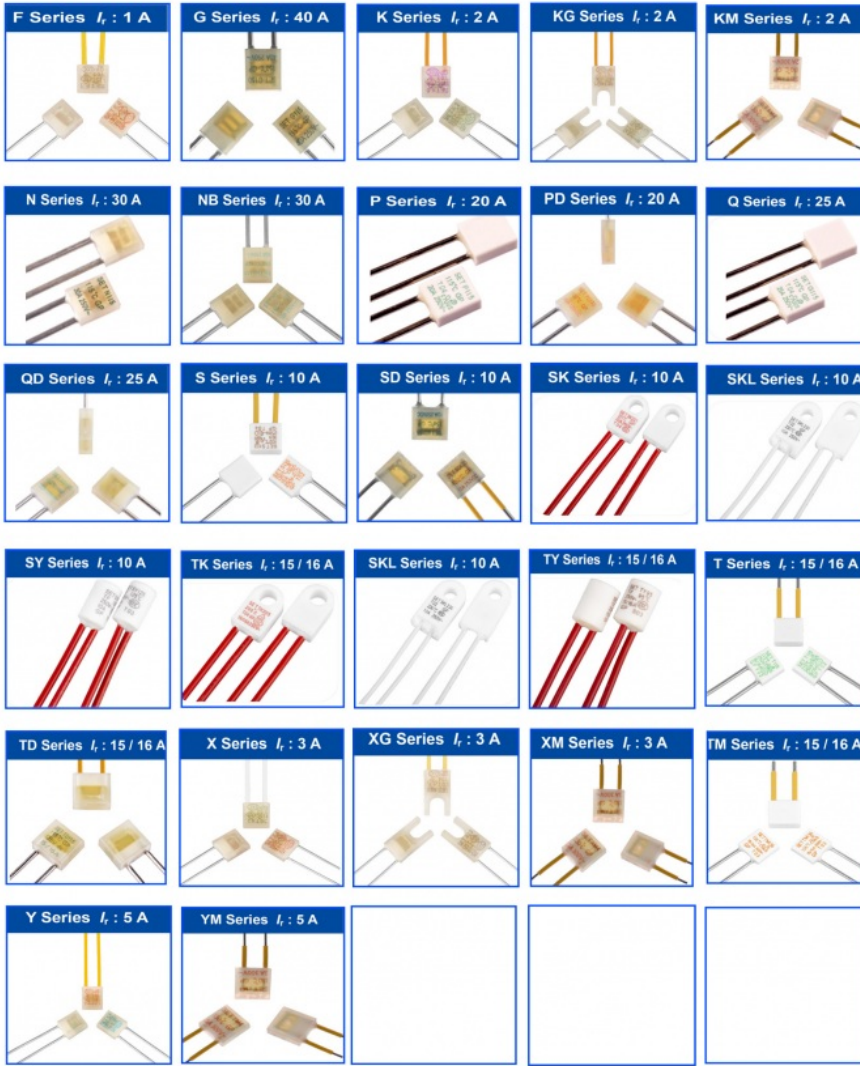


A	B	C	D	E
5.1±0.2	5.4±0.2	2.4±0.2	0.5±0.02	70±2

### Testing Standard

Items	Thermal fuse	Model No.	RH(Y)	Standard	UL1020
Test items		Unit	Safety standard		Testing equipment
Action temperature detection		°C	+0 TF -10		thermotank
High pressure test		V	1000+2 times the rated voltage		Withstand voltage tester
Insulation resistance detection		MΩ	2		Digital Megger
Internal resistance detection		Ω	0.028		Bridge resistance tester
High pressure test after temperature check		V	500		Withstand voltage tester
Insulation resistance test after temperature test		MΩ	0.2		Digital Megger
Distortion detection			Each lead is bent 90° at a distance of 10mm from the thermal fuse, and then twisted in the opposite direction by 180° without damaging the components.		Manual operation

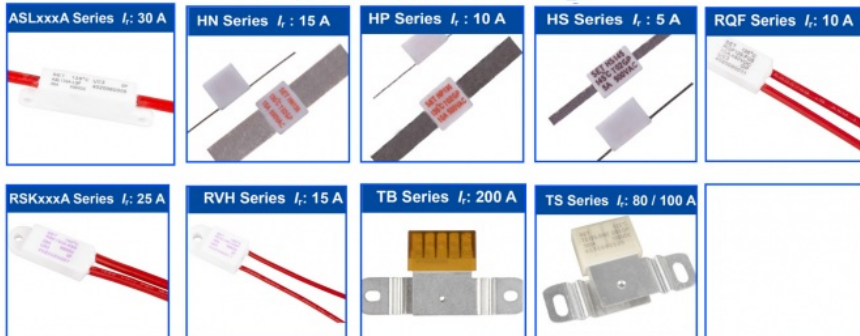
## 方盒系列Radial



## 陶瓷系列Axial



## 高压系列Low voltage



## CURRENT FUSE



## FUSE LINK AND FUSE BASE



## AUTO FUSE



## AUTO FUSE



ANF



ANH



ANG



ANS-1



ANS-2



ANS-3



ANS-4



ANS-5



SBFW-M5



SBFE-M6



ANM



ANM-C



ANL



ANL-C



ADLE



MIDI 0498



MEGA 0298



TRCF



CFM



TRCF-1



TRCF-2



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