

BTA Series Thermal Fuse

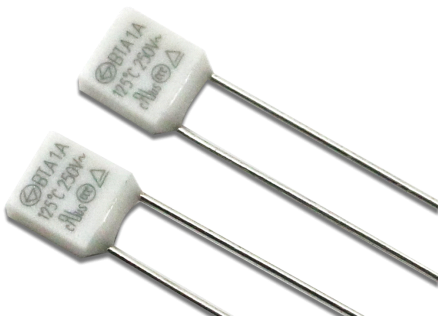


Features

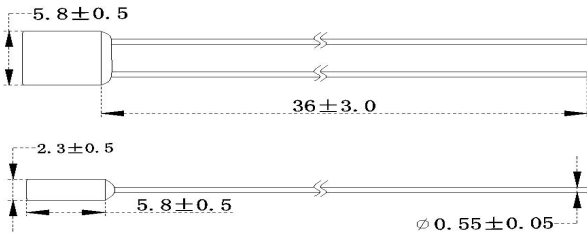
The following product specifications apply to fuses of the BTA series. The BTA series consists of thermal cutoff fuses for over-temperature protection. The BTA series thermal fuses are widely used in various applications such as transformers, adapters, secondary batteries, household appliances, gas water heaters, lighting and other heating equipment.

Application

The BTA thermal cutoff fuses are non-resetting single-pole and normally closed devices and provide accurate, reliable protection for high temperature applications against overheating through interrupting electric current. With their metal body and strong leads these fuses offer a sturdy built and high rated currents such as 1 Ampere



Dimensions (unit in mm)



Part numbering system

4.1 Part Number

Example: BTA2011150

BT	A	2	01	115	0
(1)	(2)	(3)	(4)	(5)	(6)
(1) Model .....	...BT...	...A...	...2...	...115...	...0...
(2) Product Type .....	...BT...	...A...	...2...	...115...	...0...
(3) Product Color .....	...BT...	...A...	...2...	...115...	...0...
(4) Current Rating .....	...BT...	...A...	...2...	...115...	...0...
(5) Functional Temperature .....	...BT...	...A...	...2...	...115...	...0...
(6) Complement Code .....	...BT...	...A...	...2...	...115...	...0...

BT	B	2	02	115	0
Better	A: 1A series B: 2A series	1: black shell 2: white shell	01: Tin plated copper wire 02: CP line 03: Tin plated copper wire+Insulation casing 04: CP line+Insulation casing	TF temperature	Serial number



Electrical Characteristics at 25°C

NO.	Part number	Tf (°C)	Operating Temperature (°C)	Th (°C)	Tm (°C)	Rated Current (A)	Voltage (V)	Approvals					
								UL/C-UL	TUV	CCC	PSE	KC	VDE
1	BTA 102°C	102	98±2	80	203	1A	250V~	•	•	•	•	•	○
2	BTA 115°C	115	111±2	100	203	1A	250V~	•	•	•	•	•	•
3	BTA 125°C	125	120±2	106	203	1A	250V~	•	•	•	•	•	•
4	BTA 130°C	130	125±2	108	203	1A	250V~	•	•	•	•	•	•
5	BTA 135°C	135	131±2	116	203	1A	250V~	•	•	•	•	•	○
6	BTA 145°C	145	140±2	127	203	1A	250V~	•	•	•	•	•	○
7	BTA 150°C	150	144±2	129	203	1A	250V~	•	•	•	•	•	○

Note: 1. ○ means pending

2. In UL certification, the Voltage also including AC 125V and DC 60V (DC 60V is limited to 115C and 125C)

3. • means approved

Ordering Information

Series	Function temperature (Tf)	Supplementary Code	Qty
BTA			