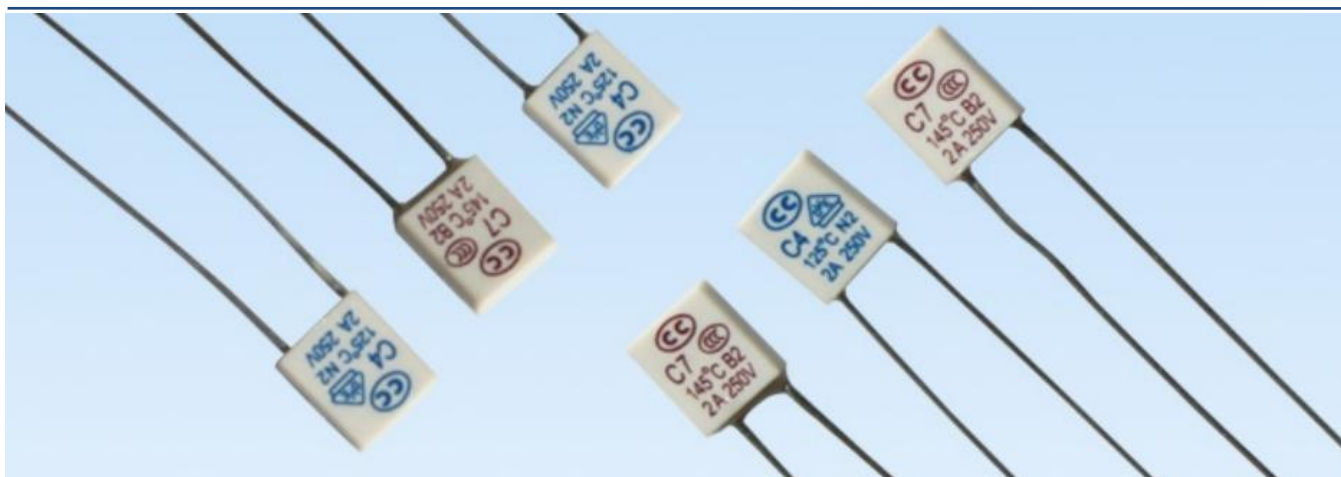
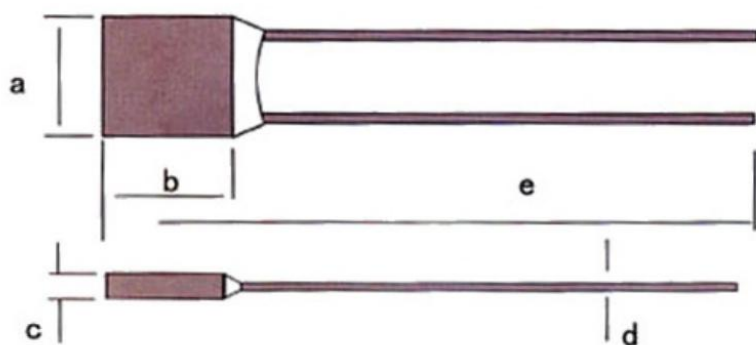




Operating Principal:

When the temperature in the circuit is increased to Rated Tripping Temp. (TF), Thermal fuse can detect it and inside fusible alloy will be melted and contracted to a ball shape under the help of surface tension and specific resin material to further cut the circuit fatally.

Structure:(Unit:mm)



A	B	C	D	E
6.2	6.8	2.6	0.54-0.6	70±3(or Customized)

Electrical Specifications:

SPTF Series 1A

Part No.	Rated Functioning temp. (Tf)	Operating Temp. (Ct)	Holding Temp. (Th)	Max Temp. (Tm)	Rated Current (Ir)	Rated Voltage (Ur)
SPTF090-1A	90℃	86±3℃	60℃	180℃	1A	250V
SPTF102-1A	102℃	98±3℃	72℃	180℃	1A	250V
SPTF105-1A	105℃	102±3℃	75℃	180℃	1A	250V
SPTF115-1A	115℃	110±3℃	85℃	180℃	1A	250V
SPTF125-1A	125℃	121±3℃	95℃	180℃	1A	250V

SPTF130-1A	130℃	125±3℃	100℃	180℃	1A	250V
SPTF135-1A	135℃	131±3℃	105℃	180℃	1A	250V
SPTF145-1A	145℃	141±3℃	115℃	180℃	1A	250V
SPTF150-1A	150℃	145±3℃	120℃	180℃	1A	250V

SPTF Series 2A

Part No.	Rated Functioning temp. (Tf)	Operating Temp. (Ct)	Holding Temp. (Th)	Max Temp. (Tm)	Rated Current (Ir)	Rated Voltage (Ur)
SPTF090-2A	90℃	86±3℃	60℃	180℃	2A	250V
SPTF102-2A	102℃	98±3℃	72℃	180℃	2A	250V
SPTF105-2A	105℃	102±3℃	75℃	180℃	2A	250V
SPTF115-2A	115℃	110±3℃	85℃	180℃	2A	250V
SPTF125-2A	125℃	121±3℃	95℃	180℃	2A	250V
SPTF130-2A	130℃	125±3℃	100℃	180℃	2A	250V
SPTF135-2A	135℃	131±3℃	105℃	180℃	2A	250V
SPTF145-2A	145℃	141±3℃	115℃	180℃	2A	250V
SPTF150-2A	150℃	145±3℃	120℃	180℃	2A	250V

SPTF Series 3A

Part No.	Rated Functioning temp. (Tf)	Operating Temp. (Ct)	Holding Temp. (Th)	Max Temp. (Tm)	Rated Current (Ir)	Rated Voltage (Ur)
SPTF090-3A	90℃	86±3℃	58℃	180℃	3A	250V
SPTF102-3A	102℃	98±3℃	65℃	180℃	3A	250V
SPTF105-3A	105℃	102±3℃	75℃	180℃	3A	250V
SPTF115-3A	115℃	110±3℃	75℃	180℃	3A	250V
SPTF125-3A	125℃	121±3℃	85℃	180℃	3A	250V
SPTF130-3A	130℃	125±3℃	88℃	180℃	3A	250V
SPTF135-3A	135℃	131±3℃	90℃	180℃	3A	250V
SPTF145-3A	145℃	141±3℃	100℃	180℃	3A	250V
SPTF150-3A	150℃	145±3℃	105℃	180℃	3A	250V

SPTF Series 5A

Part No.	Rated Functioning temp. (Tf)	Operating Temp. (Ct)	Holding Temp. (Th)	Max Temp. (Tm)	Rated Current (Ir)	Rated Voltage (Ur)
SPTF090-5A	90℃	86±3℃	55℃	180℃	5A	250V
SPTF102-5A	102℃	98±3℃	65℃	180℃	5A	250V
SPTF105-5A	105℃	102±3℃	75℃	180℃	5A	250V
SPTF115-5A	115℃	110±3℃	75℃	180℃	5A	250V
SPTF125-5A	125℃	121±3℃	85℃	180℃	5A	250V
SPTF130-5A	130℃	125±3℃	88℃	180℃	5A	250V
SPTF135-5A	135℃	131±3℃	90℃	180℃	5A	250V
SPTF145-5A	145℃	141±3℃	100℃	180℃	5A	250V
SPTF150-5A	150℃	145±3℃	105℃	180℃	5A	250V

Definition:

Tf-Functioning temperature: The maximum rated temperature the thermal fuse must be able to function.

Tc-Hold temperature: Maximum temperature the cutoff can maintain without opening the circuit.

Tm-Maximum temperature: The maximum temperature the thermal fuse can withstand without changing conductivity.

CONTACT INFORMATION

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