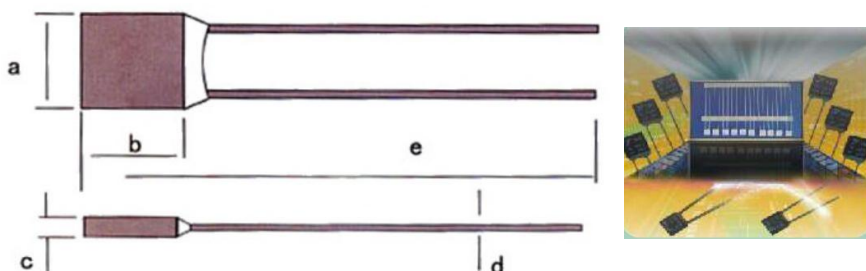


Operating Principal:

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
8.5±0.2	8±0.2	3.5±0.2	0.8±0.05	45±2(or Customized)

Electrical Specifications:

SPTF Series 10A

Part No.	Rated Functioning temp. (Tf)	Operating Temp. (Ct)	Holding Temp. (Th)	Max Temp. (Tm)	Rated Current (Ir)	Rated Voltage (Ur)	Max Impulse Current 8/20 μ S
SPTF102-10A	102℃	98±3℃	72℃	150℃	10A	250V	10KA
SPTF115-10A	115℃	110±3℃	87℃	150℃	10A	250V	10KA
SPTF125-10A	125℃	121±3℃	95℃	150℃	10A	250V	10KA
SPTF130-10A	130℃	125±3℃	102℃	150℃	10A	250V	10KA
SPTF150-10A	150℃	145±3℃	120℃	180℃	10A	250V	10KA

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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