

## Resettable Fuse PTC

### Features

Radial leaded devices.

Over-current protection

High voltage surge capabilities

Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.

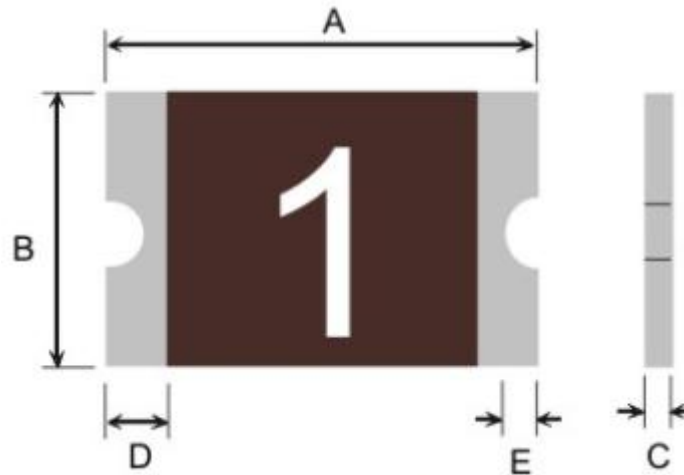
Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(2012mm / 0805 mils) Unit: mm

Fast Delivery Time



Model	A		B		C		D	E(max)
	Min	max	Min	Max	Min	Max	Min	Min
JK-SMD0805-010	2.00	2.20	1.20	1.50	0.50	1.00	0.20	0.10
JK-SMD0805-020	2.00	2.20	1.20	1.50	0.45	1.00	0.20	0.10
JK-SMD0805-035	2.00	2.20	1.20	1.50	0.45	1.00	0.20	0.10
JK-SMD0805-050	2.00	2.20	1.20	1.50	0.30	1.25	0.20	0.10
JK-SMD0805-075	2.00	2.20	1.20	1.50	0.40	1.25	0.20	0.10
JK-SMD0805-100	2.00	2.20	1.20	1.50	0.50	1.25	0.20	0.10
JK-SMD0805-110	2.00	2.20	1.20	1.50	0.50	1.25	0.20	0.10
JK-SMD0805-125	2.00	2.20	1.20	1.50	0.50	1.80	0.20	0.10

## Electrical characteristics(25°C)

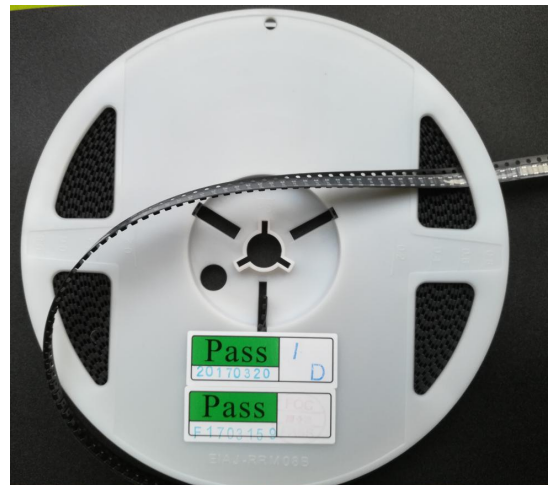
Part Number	I <sub>h</sub> (A)	I <sub>t</sub> (A)	V <sub>max</sub> (V)	I <sub>max</sub> (A)	P <sub>d</sub> (W)	Trip Current(A)	Trip Time(S)	R <sub>min</sub> (Ω)	R <sub>1max</sub> (Ω)
<b>JK-SMD0805-010</b>	0.10	0.30	15.0	100	0.5	0.5	1.50	1.000	6.000
<b>JK-SMD0805-020</b>	0.20	0.50	9.0	100	0.5	8.0	0.02	0.650	3.500
<b>JK-SMD0805-035</b>	0.35	0.75	6.0	100	0.5	8.0	0.10	0.250	1.200
<b>JK-SMD0805-050</b>	0.50	1.00	6.0	100	0.5	8.0	0.10	0.150	0.850
<b>JK-SMD0805-075</b>	0.75	1.50	6.0	40	0.6	8.0	0.20	0.090	0.385
<b>JK-SMD0805-100</b>	1.00	1.95	6.0	100	0.6	8.0	0.30	0.060	0.230
<b>JK-SMD0805-110</b>	1.00	2.20	6.0	100	0.6	8.0	0.30	0.060	0.210
<b>JK-SMD0805-125</b>	1.25	2.50	6.0	100	1.5	8.0	0.60	0.030	0.140

I<sub>H</sub> = Hold current: maximum current device will pass without tripping in 25°C still air.

- I<sub>T</sub> = Trip current: minimum current at which the device will trip in 25°C still air.
- V<sub>MAXI</sub> = Maximum interrupt voltage device can withstand without damage at rated current.
- I<sub>MAX</sub> = Maximum fault current device can withstand without damage at rated voltage.
- R<sub>MAX</sub> = Maximum resistance of device in initial (un-soldered) state.
- R<sub>MIN</sub> = Minimum resistance of device in initial (un-soldered) state.

**Packing quantity: 010,020,035,050, 5000PCS/Reel**

**Packing quantity: 075,100,110,125, 4000PCS/Reel**



**Operating temperature: -40°C ~+85°C**

Specifications are subject to change without notice

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