

## 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.

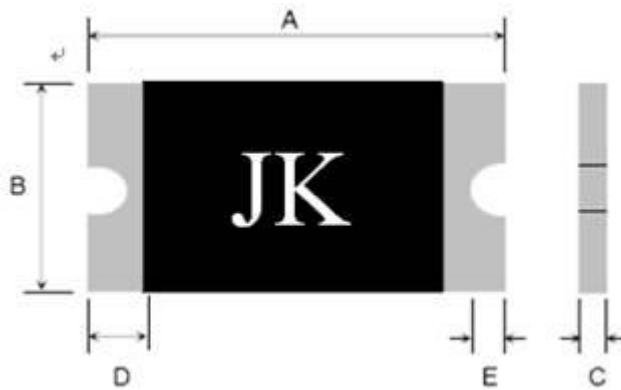
Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(3225mm / 1210 mils) Unit: mm

Fast Delivery Time



Model	A		B		C		D	E
	Min	max	Min	Max	Min	Max	Min	Min
JK-SMD1210-005	3.00	3.43	2.35	2.80	0.60	1.25	0.15	0.10
JK-SMD1210-010	3.00	3.43	2.35	2.80	0.60	1.25	0.15	0.10
JK-SMD1210-020	3.00	3.43	2.35	2.80	0.50	1.00	0.15	0.10
JK-SMD1210-035	3.00	3.43	2.35	2.80	0.35	0.85	0.15	0.10
JK-SMD1210-035-30V	3.00	3.43	2.35	2.80	0.35	1.00	0.15	0.10
JK-SMD1210-050	3.00	3.43	2.35	2.80	0.35	0.85	0.15	0.10
JK-SMD1210-075	3.00	3.43	2.35	2.80	0.35	0.85	0.15	0.10
JK-SMD1210-110	3.00	3.43	2.35	2.80	0.40	1.10	0.15	0.10
JK-SMD1210-110-12V	3.00	3.43	2.35	2.80	0.40	1.40	0.15	0.10
JK-SMD1210-150	3.00	3.43	2.35	2.80	0.60	1.40	0.15	0.10
JK-SMD1210-175	3.00	3.43	2.35	2.80	0.60	1.40	0.15	0.10
JK-SMD1210-200	3.00	3.43	2.35	2.80	0.60	1.60	0.15	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)	Pd(W)	Trip Current(A)	Trip Time(S)	R <sub>min</sub> (Ω)	R <sub>1max</sub> (Ω)
<b>JK-SMD1210-005</b>	0.05	0.15	60	100	0.6	0.25	1.50	2.8	50
<b>JK-SMD1210-010</b>	0.10	0.30	60	100	0.6	0.50	0.60	0.8	15
<b>JK-SMD1210-020</b>	0.20	0.40	30	100	0.6	8.0	0.02	0.40	5
<b>JK-SMD1210-035</b>	0.35	0.75	30	100	0.6	8.0	0.20	0.20	1.3
<b>JK-SMD1210-035-30V</b>	0.35	0.75	16	100	0.6	8.0	0.20	0.20	1.3
<b>JK-SMD1210-050</b>	0.50	1.00	13.2	100	0.6	8.0	0.10	0.18	0.9
<b>JK-SMD1210-075</b>	0.75	1.50	6	100	0.6	8.0	0.10	0.07	0.4
<b>JK-SMD1210-110</b>	1.10	2.20	6	100	0.6	8.0	0.30	0.05	0.21
<b>JK-SMD1210-110-12V</b>	1.10	2.20	12	100	0.8	8.0	0.30	0.05	0.25
<b>JK-SMD1210-150</b>	1.50	3.00	6	100	0.8	8.0	0.50	0.03	0.21
<b>JK-SMD1210-175</b>	1.75	3.50	6	100	0.8	8.0	0.60	0.02	0.08
<b>JK-SMD1210-200</b>	2.00	4.00	6	100	0.8	8.0	1.00	0.015	0.07

- 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: 005,010,020,035,110,150,175,200     4500PCS/Reel**

**Packing quantity: 050,075,                                     4000PCS/Reel**



sales@huaandz.com

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

Specifications are subject to change without notice