

## Resettable Fuse PTC

### Features

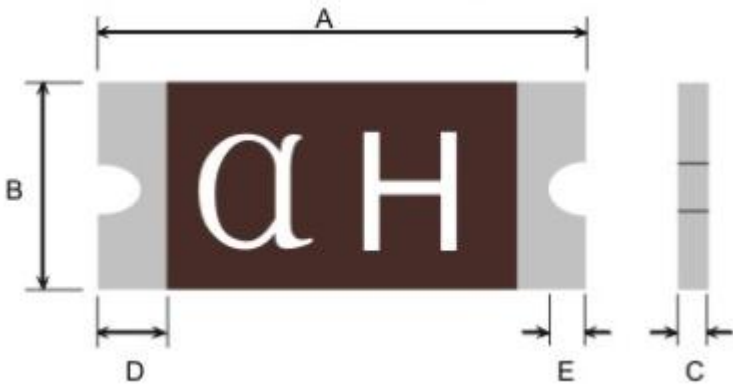
- Radial leaded devices.
- Over-current protection
- High voltage surge capabilities
- Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.
- Available in lead-free version.
- Meets MSL level 1, per J-STD-020



JK-nSMD005 Picture

Dimensions(3216mm / 1206 mils) Unit: mm

Fast Delivery Time



Model	A		B		C		D	E(max)
	Min	max	Min	Max	Min	Max	Min	Min
JK-nSMD005	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
JK-nSMD010	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
JK-nSMD020	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
JK-nSMD025	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
JK-nSMD035	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
JK-nSMD050	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
JK-nSMD075	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
JK-nSMD100	3.00	3.50	1.50	1.80	0.40	1.20	0.15	0.10
JK-nSMD150	3.00	3.50	1.50	1.80	0.75	1.80	0.15	0.10
JK-nSMD200	3.00	3.50	1.50	1.80	0.50	1.80	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)	P <sub>d</sub> (W)	Trip Current(A)	Trip Time(S)	R <sub>min</sub> (Ω)	R <sub>1max</sub> (Ω)
<b>JK-nSMD005</b>	0.05	0.15	60.0	100	0.4	0.3	1.50	3.600	50.000
<b>JK-nSMD010</b>	0.10	0.25	60.0	100	0.4	0.5	1.00	1.600	15.000
<b>JK-nSMD020</b>	0.20	0.46	16.0	100	0.6	8.0	0.08	0.350	15.000
<b>JK-nSMD025</b>	0.25	0.50	16.0	100	0.6	8.0	0.08	0.350	2.500
<b>JK-nSMD035</b>	0.35	0.75	6.0	100	0.6	8.0	0.10	0.250	1.300
<b>JK-nSMD050</b>	0.50	1.00	6.0	100	0.6	8.0	0.10	0.150	0.700
<b>JK-nSMD050-13.2V</b>	0.50	1.00	6.0	100	0.6	8.0	0.10	0.150	0.700
<b>JK-nSMD075</b>	0.75	1.50	6.0	100	0.6	8.0	0.20	0.090	0.500
<b>JK-nSMD100</b>	1.00	1.80	6.0	100	0.6	8.0	0.30	0.055	0.270
<b>JK-nSMD150</b>	1.50	3.00	6.0	100	0.8	8.0	1.00	0.040	0.130
<b>JK-nSMD200</b>	2.00	3.50	6.0	100	0.8	8.0	1.50	0.018	0.08

- 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.

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

**Packing quantity: 005,010,100,150,200, 3500PCS/Reel**

**Packing quantity: 020,025,035,050,075, 5000PCS/Reel**



Specifications are subject to change without notice

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