

## Resettable Fuse PTC

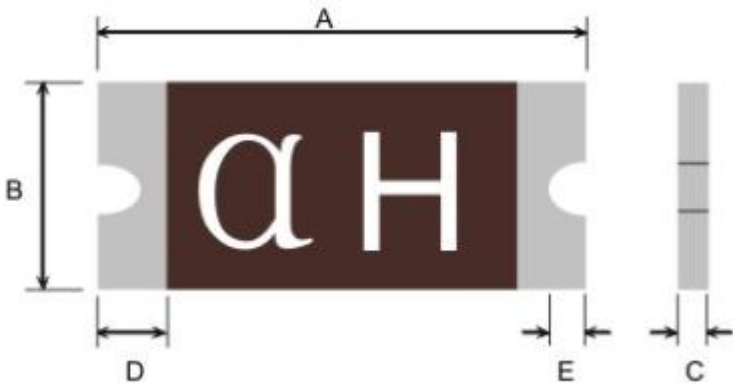
### Features

- 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



Part number	A		B		C		D	E
	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-nSMD010-33	3.00	3.50	1.50	1.80	0.50	1.10	0.15	0.10
JK-nSMD12	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
JK-nSMD016	3.00	3.50	1.50	1.80	0.40	0.90	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-nSMD030	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	0.35	0.85	0.15	0.10
JK-nSMD050-13.2	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
JK-nSMD050-16	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
JK-nSMD050-24	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
JK-nSMD075	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10

<b>JK-nSMD075-13.2</b>	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
<b>JK-nSMD075-16</b>	3.00	3.50	1.50	1.80	0.60	1.30	0.15	0.10
<b>JK-nSMD100</b>	3.00	3.50	1.50	1.80	0.40	0.8	0.15	0.10
<b>JK-nSMD100-13.2</b>	3.00	3.50	1.50	1.80	0.4	1.3	0.15	0.10
<b>JK-nSMD100-16</b>	3.00	3.50	1.50	1.80	0.4	1.3	0.15	0.10
<b>JK-nSMD110</b>	3.00	3.50	1.50	1.80	0.4	0.8	0.15	0.10
<b>JK-nSMD150</b>	3.00	3.50	1.50	1.80	0.60	1.50	0.15	0.10
<b>JK-nSMD200</b>	3.00	3.50	1.50	1.80	0.70	1.70	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)	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	0.25	1.50	3.600	50.000
<b>JK-nSMD010</b>	0.10	0.25	60.0	100	0.5	1.00	1.600	15.000
<b>JK-nSMD010-33</b>	0.10	0.25	33.0	100	0.5	1.00	1.600	15.000
<b>JK-nSMD012</b>	0.12	0.29	30.0	100	1.00	0.20	1.350	10.00
<b>JK-nSMD016</b>	0.16	0.37	30.0	100	1.00	0.30	1.000	4.50
<b>JK-nSMD020</b>	0.20	0.46	24.0	100	8.0	0.08	0.350	3.500
<b>JK-nSMD025</b>	0.25	0.50	16.0	100	8.0	0.08	0.350	2.500
<b>JK-nSMD030</b>	0.30	0.65	16.0	100	8.0	0.10	0.250	2.000
<b>JK-nSMD035</b>	0.35	0.75	16.0	100	8.0	0.10	0.250	1.300
<b>JK-nSMD050</b>	0.50	1.00	6.0	100	8.0	0.10	0.150	0.700
<b>JK-nSMD050-13.2</b>	0.50	1.00	13.2	100	8.0	0.10	0.150	0.700
<b>JK-nSMD050-16</b>	0.50	1.00	16.0	100	8.0	0.10	0.150	0.750
<b>JK-nSMD050-24</b>	0.50	1.00	24.0	100	8.0	0.10	0.150	0.750
<b>JK-nSMD075</b>	0.75	1.50	6.0	100	8.0	0.2	0.090	0.500
<b>JK-nSMD075-13.2</b>	0.75	1.50	13.2	100	8.0	0.2	0.090	0.500
<b>JK-nSMD075-16</b>	0.75	1.50	16.0	100	8.0	0.2	0.090	0.500
<b>JK-nSMD100</b>	1.00	1.80	6.0	100	8.0	0.3	0.055	0.270
<b>JK-nSMD100-13.2</b>	1.00	1.80	13.2	100	8.0	0.3	0.055	0.270
<b>JK-nSMD100-16</b>	1.00	1.80	16.0	100	8.0	0.3	0.055	0.330
<b>JK-nSMD110</b>	1.10	1.80	8.0	100	8.0	0.3	0.050	0.230
<b>JK-nSMD150</b>	1.50	3.00	6.0	100	8.0	1.0	0.040	0.130
<b>JK-nSMD200</b>	2.00	3.50	6.0	100	8.0	1.0	0.018	0.080

- 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:**

<b>Part number</b>	<b>Quantity</b>	<b>Part number</b>	<b>Quantity</b>
<b>JK-nSMD005</b>	<b>3500pcs</b>	<b>JK-nSMD050-16</b>	<b>5000pcs</b>
<b>JK-nSMD010</b>	<b>3500pcs</b>	<b>JK-nSMD050-24</b>	<b>3500pcs</b>
<b>JK-nSMD010-33</b>	<b>3500pcs</b>	<b>JK-nSMD075</b>	<b>5000pcs</b>
<b>JK-nSMD012</b>	<b>3500pcs</b>	<b>JK-nSMD075-13.2</b>	<b>5000pcs</b>
<b>JK-nSMD016</b>	<b>5000pcs</b>	<b>JK-nSMD075-16</b>	<b>3500pcs</b>
<b>JK-nSMD020</b>	<b>5000pcs</b>	<b>JK-nSMD100</b>	<b>5000pcs</b>
<b>JK-nSMD025</b>	<b>5000pcs</b>	<b>JK-nSMD100-13.2</b>	<b>3500pcs</b>
<b>JK-nSMD030</b>	<b>5000pcs</b>	<b>JK-nSMD100-16</b>	<b>3500pcs</b>
<b>JK-nSMD035</b>	<b>5000pcs</b>	<b>JK-nSMD110</b>	<b>5000pcs</b>
<b>JK-nSMD050</b>	<b>5000pcs</b>	<b>JK-nSMD150</b>	<b>3500pcs</b>
<b>JK-nSMD050-13.2</b>	<b>5000pcs</b>	<b>JK-nSMD200</b>	<b>3500pcs</b>

Specifications are subject to change without notice

[sales@huaandz.com](mailto:sales@huaandz.com)