

## Resettable Fuse PTC(Low resistance)

### Features



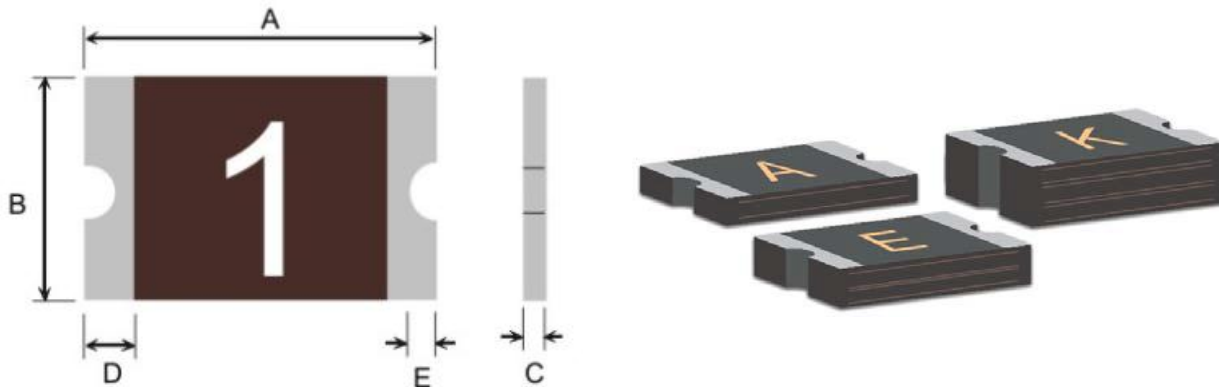
Over-current protection

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

Available in lead-free version. Operating temperature: -40°C ~+85°C

Agency recognition:

### Dimensions(2012mm / 0805 mils) Unit: mm



Part number	Marking	A		B		C		D	E	Safety Certification
		Min	max	Min	Max	Min	Max	Min	Min	
JK-SMD0805-075L	A	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.10	UL
JK-SMD0805-075L-12	A	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.10	UL
JK-SMD0805-110L	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.10	UL
JK-SMD0805-110L-12	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.10	UL
JK-SMD0805-125L	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.10	UL
JK-SMD0805-125L-12	D	2.0	2.20	1.2	1.50	0.3	0.7	0.20	0.10	UL
JK-SMD0805-150L	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.10	UL
JK-SMD0805-150L-12	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.10	UL
JK-SMD0805-175L	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.10	UL
JK-SMD0805-175L-12	E	2.0	2.20	1.2	1.50	0.4	1.0	0.20	0.10	UL
JK-SMD0805-200L	E	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.10	UL
JK-SMD0805-200L-12	E	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.10	UL
JK-SMD0805-260L	H	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.10	UL
JK-SMD0805-260L-12	H	2.0	2.20	1.2	1.50	0.4	1.2	0.20	0.10	UL
JK-SMD0805-300L	H	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.10	UL
JK-SMD0805-300L-12	H	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.10	UL

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Part number	Marking	A		B		C		D	E	Safety Certification
		Min	max	Min	Max	Min	Max	Min	Min	UL
JK-SMD0805-350L	K	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.10	√
JK-SMD0805-350L-12	K	2.0	2.20	1.2	1.50	0.5	1.4	0.20	0.10	√
JK-SMD0805-380L	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.10	√
JK-SMD0805-380L-12	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.10	√
JK-SMD0805-400L	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.10	√
JK-SMD0805-400L-12	K	2.0	2.20	1.2	1.50	0.6	1.6	0.20	0.10	√

### Electrical characteristics(25°C)

Part Number	Ih	It	Vmax	Imax	Pd	Trip Current	TripTime	Rmin	R1ma	Safety Certification
	A	A	V	A	W	A	S	Ω	Ω	UL
JK-SMD0805-075L	0.75	1.5	6	50	0.7	8.0	1.0	0.020	0.160	√
JK-SMD0805-075L-12	0.75	1.5	12	50	0.7	8.0	1.0	0.020	0.160	√
JK-SMD0805-110L	1.1	2.2	6	50	0.7	8.0	1.0	0.018	0.110	√
JK-SMD0805-110L-12	1.1	2.2	12	50	0.7	8.0	1.0	0.018	0.110	√
JK-SMD0805-125L	1.25	2.5	6	50	0.7	8.0	1.0	0.016	0.100	√
JK-SMD0805-125L-12	1.25	2.5	12	50	0.7	8.0	1.0	0.016	0.100	√
JK-SMD0805-150L	1.5	3.0	6	50	0.7	8.0	1.0	0.008	0.065	√
JK-SMD0805-150L-12	1.5	3.0	12	50	0.7	8.0	1.0	0.008	0.065	√
JK-SMD0805-175L	1.75	3.5	6	50	0.7	8.75	2.0	0.008	0.055	√
JK-SMD0805-175L-12	1.75	3.5	12	50	0.7	8.75	2.0	0.008	0.055	√
JK-SMD0805-200L	2.0	4.0	6	50	0.7	10.0	2.0	0.006	0.045	√
JK-SMD0805-200L-12	2.0	4.0	12	50	0.7	10.0	2.0	0.006	0.045	√
JK-SMD0805-260L	2.6	5.2	6	50	0.7	13.0	2.0	0.003	0.035	√
JK-SMD0805-260L-12	2.6	5.2	12	50	0.7	13.0	2.0	0.003	0.035	√
JK-SMD0805-300L	3.0	6.0	6	50	0.8	15.0	2.0	0.003	0.030	√
JK-SMD0805-300L-12	3.0	6.0	12	50	0.8	15.0	2.0	0.003	0.030	√

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Part Number	Ih	It	Vmax	Imax	Pd	Trip Current	TripTime	Rmin	R1ma	Safety Certification
	A	A	V	A	W	A	S	Ω	Ω	UL
JK-SMD0805-350L	3.5	7.0	6	50	0.8	17.5	2.0	0.003	0.025	√
JK-SMD0805-350L-12	3.5	7.0	12	50	0.8	17.5	2.0	0.003	0.025	√
JK-SMD0805-380L	3.8	7.6	6	50	0.8	19.0	2.0	0.003	0.020	√
JK-SMD0805-380L-12	3.8	7.6	12	50	0.8	19.0	2.0	0.003	0.020	√
JK-SMD0805-400L	4.0	8.0	6	50	0.8	20.0	2.0	0.003	0.015	√
JK-SMD0805-400L-12	4.0	8.0	12	50	0.8	20.0	2.0	0.003	0.015	√

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:

Part number	Packing QTY	Part number	Packing QTY
JK-SMD0805-075L	5000pcs	JK-SMD0805-200L-12	4000pcs
JK-SMD0805-075L-12	5000pcs	JK-SMD0805-260L	4000pcs
JK-SMD0805-110L	5000pcs	JK-SMD0805-260L-12	4000pcs
JK-SMD0805-110L-12	5000pcs	JK-SMD0805-300L	4000pcs
JK-SMD0805-125L	5000pcs	JK-SMD0805-300L-12	4000pcs
JK-SMD0805-125L-12	5000pcs	JK-SMD0805-350L	4000pcs
JK-SMD0805-150L	5000pcs	JK-SMD0805-350L-12	4000pcs
JK-SMD0805-150L-12	5000pcs	JK-SMD0805-380L	4000pcs
JK-SMD0805-175L	4000pcs	JK-SMD0805-380L-12	4000pcs
JK-SMD0805-175L-12	4000pcs	JK-SMD0805-400L	4000pcs
JK-SMD0805-200L	4000pcs	JK-SMD0805-400L-12	4000pcs

Specifications are subject to change without notice



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