

## Resettable Fuse PTC (Low resistance)

### Features

Radial leaded devices.

Over-current protection

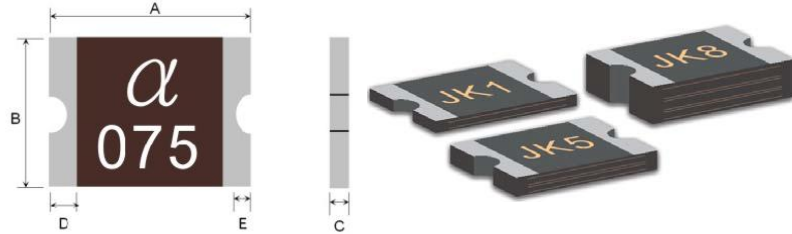
High voltage surge capabilities

Flame retardant epoxy polymer insulating material meets

UL94 V-0 requirement.

Available in lead-free version.

Agency recognition:  B170501068001



### Dimensions(4532mm/ 1812 mils) Unit: mm

Part number	Marking	A		B		C		D	E	Safety Certification
		Min	max	Min	Max	Min	Max	Min	Min	
JK-mSMD190L	JK1	4.37	4.73	3.07	3.41	0.30	0.70	0.30	0.15	√
JK-mSMD190L-12	JK1	4.37	4.73	3.07	3.41	0.30	0.70	0.30	0.15	√
JK-mSMD260L	JK2	4.37	4.73	3.07	3.41	0.40	1.00	0.30	0.15	√
JK-mSMD260L-12	JK2	4.37	4.73	3.07	3.41	0.40	1.00	0.30	0.15	√
JK-mSMD300L	JK3	4.37	4.73	3.07	3.41	0.40	1.00	0.30	0.15	√
JK-mSMD300L-12	JK3	4.37	4.73	3.07	3.41	0.40	1.00	0.30	0.15	√
JK-mSMD350L	JK3	4.37	4.73	3.07	3.41	0.40	1.20	0.30	0.15	√
JK-mSMD350L-12	JK3	4.37	4.73	3.07	3.41	0.40	1.20	0.30	0.15	√
JK-mSMD400L	JK4	4.37	4.73	3.07	3.41	0.40	1.20	0.30	0.15	√
JK-mSMD400L-12	JK4	4.37	4.73	3.07	3.41	0.40	1.20	0.30	0.15	√
JK-mSMD450L	JK4	4.37	4.73	3.07	3.41	0.40	1.40	0.30	0.15	√
JK-mSMD450L-12	JK4	4.37	4.73	3.07	3.41	0.40	1.40	0.30	0.15	√
JK-mSMD500L	JK5	4.37	4.73	3.07	3.41	0.50	1.40	0.30	0.15	√
JK-mSMD500L-12	JK5	4.37	4.73	3.07	3.41	0.50	1.40	0.30	0.15	√
JK-mSMD550L	JK5	4.37	4.73	3.07	3.41	0.50	1.40	0.30	0.15	√
JK-mSMD550L-12	JK5	4.37	4.73	3.07	3.41	0.50	1.40	0.30	0.15	√
JK-mSMD600L	JK6	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD600L-12	JK6	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD650L	JK6	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD650L-12	JK6	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD700L	JK7	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD700L-12	JK7	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD750L	JK7	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√

Dimensions(4532mm/ 1812 mils) Unit: mm

Part number	Marking	A		B		C		D	E	Safety Certification
		Min	max	Min	Max	Min	Max	Min	Min	TUV
JK-mSMD750L-12	JK7	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD800L	JK8	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD800L-12	JK8	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD700L	JK8	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD700L-12	JK8	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD700L	JK9	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√
JK-mSMD700L-12	JK9	4.37	4.73	3.07	3.41	0.60	1.60	0.30	0.15	√

### Electrical characteristics(25℃)

Part Number	I Hold	I Trip	Vmax	Imax	Maximum Time to Trip		Nominal resistance (Ω)		Safety Certification
	(A)	(A)	V (DC)	A	Current(A)	Time (S)	Rmin	Rlmax	TUV
JK-mSMD190L	1.9	3.8	6	50	8.0	5.0	0.003	0.025	√
JK-mSMD190L-12	1.9	3.8	12	50	8.0	5.0	0.003	0.025	√
JK-mSMD260L	2.6	5.2	6	50	8.0	5.0	0.003	0.024	√
JK-mSMD260L-12	2.6	5.2	12	50	8.0	5.0	0.003	0.024	√
JK-mSMD300L	3.0	6.0	6	50	15.0	2.0	0.003	0.022	√
JK-mSMD300L-12	3.0	6.0	12	50	15.0	2.0	0.003	0.022	√
JK-mSMD350L	3.5	7.0	6	50	17.5	2.0	0.003	0.020	√
JK-mSMD350L-12	3.5	7.0	12	50	17.5	2.0	0.003	0.02	√
JK-mSMD400L	4.0	8.0	6	50	20.0	2.0	0.003	0.018	√
JK-mSMD400L-12	4.0	8.0	12	50	20.0	2.0	0.003	0.018	√
JK-mSMD450L	4.5	9.0	6	50	22.5	2.0	0.003	0.016	√
JK-mSMD450L-12	4.5	9.0	12	50	22.5	2.0	0.003	0.016	√
JK-mSMD500L	5.0	10.0	6	50	25.0	2.0	0.003	0.014	√
JK-mSMD500L-12	5.0	10.0	12	50	25.0	2.0	0.003	0.014	√
JK-mSMD550L	5.5	11.0	6	50	27.5	2.0	0.002	0.012	√
JK-mSMD550L-12	5.5	11.0	12	50	27.5	2.0	0.002	0.012	√
JK-mSMD600L	6.0	12.0	6	50	30.0	2.0	0.002	0.010	√
JK-mSMD600L-12	6.0	12.0	12	50	30.0	2.0	0.002	0.010	√
JK-mSMD650L	6.5	13.0	6	50	32.5	2.0	0.002	0.008	√
JK-mSMD650L-12	6.5	13.0	12	50	32.5	2.0	0.002	0.008	√
JK-mSMD700L	7.0	14.0	6	50	35.0	2.0	0.001	0.007	√
JK-mSMD700L-12	7.0	14.0	12	50	35.0	2.0	0.001	0.007	√

### Resettable Fuse PTC ( Low resistance)

#### Electrical characteristics(25°C)

Part Number	I Hold	I Trip	Vmax	Imax	Maximum Time to Trip		Nominal resistance (Ω)		Safety Certification TUV
	(A)	(A)	V (DC)	A	Current(A)	Time (S)	Rmin	RImax	
<a href="#">JK-mSMD750L</a>	7.5	15.0	6	50	37.5	2.0	0.001	0.006	√
<a href="#">JK-mSMD750L-12</a>	7.5	15.0	12	50	37.5	2.0	0.001	0.006	√
<a href="#">JK-mSMD800L</a>	8.0	16.0	6	50	40.0	2.0	0.0008	0.005	√
<a href="#">JK-mSMD800L-12</a>	8.0	16.0	12	50	40.0	2.0	0.0008	0.005	√
<a href="#">JK-mSMD850L</a>	8.5	17.0	6	50	42.5	2.0	0.0008	0.004	√
<a href="#">JK-mSMD850L-12</a>	8.5	17.0	12	50	42.5	2.0	0.0008	0.004	√
<a href="#">JK-mSMD900L</a>	9.0	18.0	6	50	45.0	2.0	0.0005	0.003	√
<a href="#">JK-mSMD900L-12</a>	9.0	18.0	12	50	45.0	2.0	0.0005	0.003	√

- 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 Quantity	Part Number	Packing Quantity
<a href="#">JK-mSMD190L</a>	2000pcs	<a href="#">JK-mSMD550L-12</a>	2000pcs
<a href="#">JK-mSMD190L-12</a>	2000pcs	<a href="#">JK-mSMD600L</a>	1500pcs
<a href="#">JK-mSMD260L</a>	2000pcs	<a href="#">JK-mSMD600L-12</a>	1500pcs
<a href="#">JK-mSMD260L-12</a>	2000pcs	<a href="#">JK-mSMD650L</a>	1500pcs
<a href="#">JK-mSMD300L</a>	2000pcs	<a href="#">JK-mSMD650L-12</a>	1500pcs
<a href="#">JK-mSMD300L-12</a>	2000pcs	<a href="#">JK-mSMD700L</a>	1500pcs
<a href="#">JK-mSMD350L</a>	2000pcs	<a href="#">JK-mSMD700L-12</a>	1500pcs
<a href="#">JK-mSMD350L-12</a>	2000pcs	<a href="#">JK-mSMD750L</a>	1500pcs
<a href="#">JK-mSMD400L</a>	2000pcs	<a href="#">JK-mSMD750L-12</a>	1500pcs
<a href="#">JK-mSMD400L-12</a>	2000pcs	<a href="#">JK-mSMD800L</a>	1500pcs
<a href="#">JK-mSMD450L</a>	2000pcs	<a href="#">JK-mSMD800L-12</a>	1500pcs
<a href="#">JK-mSMD450L-12</a>	2000pcs	<a href="#">JK-mSMD850L</a>	1500pcs
<a href="#">JK-mSMD500L</a>	2000pcs	<a href="#">JK-mSMD850L-12</a>	1500pcs
<a href="#">JK-mSMD500L-12</a>	2000pcs	<a href="#">JK-mSMD900L</a>	1500pcs
<a href="#">JK-mSMD550L</a>	2000pcs	<a href="#">JK-mSMD900L-12</a>	1500pcs



Specifications are subject to change without notice

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