

## 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.

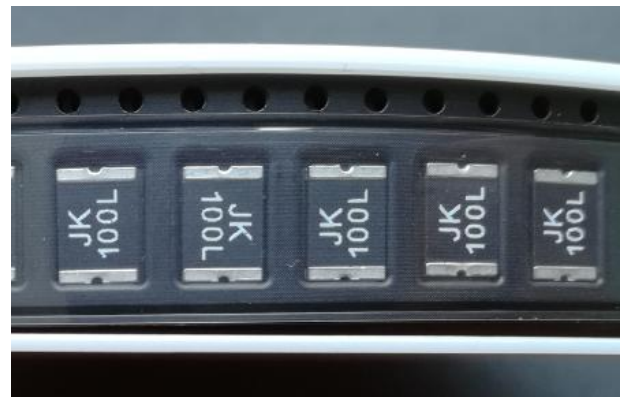
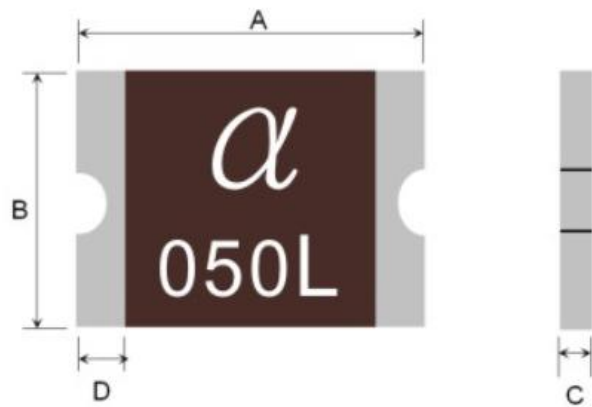
Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(7555mm / 2920 mils) Unit: mm

Fast Delivery Time



JK-SMD100L Picture

Model	A		B		C		D
	Min	max	Min	Max	Min	Max	Min
JK-SMD030L	6.73	7.98	4.80	5.44	0.60	1.15	0.30
JK-SMD050L	6.73	7.98	4.80	5.44	0.60	1.15	0.30
JK-SMD075L	6.73	7.98	4.80	5.44	0.60	1.15	0.30
JK-SMD100L	6.73	7.98	4.80	5.44	0.40	1.00	0.30
JK-SMD125L	6.73	7.98	4.80	5.44	0.40	0.90	0.30
JK-SMD150L	6.73	7.98	4.80	5.44	0.40	0.90	0.30
JK-SMD185L	6.73	7.98	4.80	5.44	0.30	1.20	0.30
JK-SMD200L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
JK-SMD250L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
JK-SMD260L	6.73	7.98	4.80	5.44	0.30	0.90	0.30
JK-SMD300L	6.73	7.98	4.80	5.44	0.30	1.30	0.30

## Electrical characteristics(25°C)

Part Number	Ih (A)	It(A)	Vmax(V)	I <sub>max</sub> (A)	Pd(W)	Trip Current(A)	Trip Time(S)	Rmin (Ω)	R1max (Ω)
<b>JK-SMD030L</b>	0.30	0.60	60	10	1.5	1.5	3.0	0.600	4.800
<b>JK-SMD050L</b>	0.50	1.00	60	10	1.5	2.5	4.0	0.180	1.400
<b>JK-SMD075L</b>	0.75	1.50	33	40	1.5	8.0	0.3	0.100	1.000
<b>JK-SMD100L</b>	1.10	2.20	33	40	1.5	8.0	0.5	0.065	0.410
<b>JK-SMD125L</b>	1.25	2.50	33	40	1.5	8.0	2.0	0.050	0.250
<b>JK-SMD150L</b>	1.50	3.00	33	40	1.5	8.0	2.0	0.035	0.230
<b>JK-SMD185L</b>	1.85	3.70	33	40	1.5	8.0	2.5	0.030	0.150
<b>JK-SMD200L</b>	2.00	4.00	16	40	1.5	8.0	4.5	0.020	0.120
<b>JK-SMD250L</b>	2.50	5.00	16	40	1.5	8.0	16.0	0.020	0.085
<b>JK-SMD260L</b>	2.60	5.20	6	40	1.5	8.0	10.0	0.014	0.075
<b>JK-SMD300L</b>	3.00	6.00	16	40	1.5	8.0	20.0	0.012	0.048
<b>JK-SMD300L-6V</b>	3.00	6.00	6	40	1.5	8.0	20.0	0.012	0.048

- 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:185L,300L-16V, 1500PCS/Reel**  
**Packing quantity:030L,050L,075L,100L,125L, 2000PCS/Reel**  
**Packing quantity: 150L,200L,250L,260L,300L-6V, 2000PCS/Reel**



Specifications are subject to change without notice

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