

Resettable Fuse PTC(Low resistance)

Features

Radial leaded devices.

Over-current protection

High voltage surge capabilities

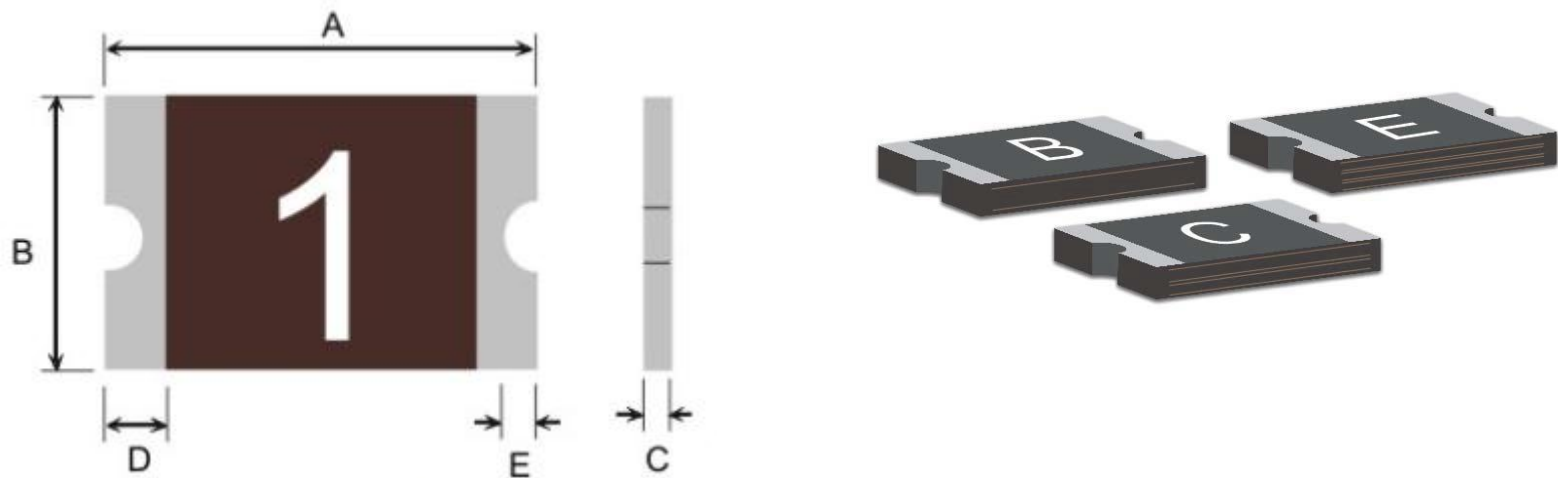
Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.

Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(1608mm / 0603 mils) Unit: mm



Part Number	Marking	A		B		C		D		E
		Min	max	Min	Max	Min	Max	Min	Max	
JK-SMD-0603-035L	A	1.45	1.85	0.65	1.05	0.3	0.7	0.15		0.1
JK-SMD-0603-050L	A	1.45	1.85	0.65	1.05	0.3	0.7	0.15		0.1
JK-SMD-0603-075L	A	1.45	1.85	0.65	1.05	0.3	0.7	0.15		0.1
JK-SMD-0603-100L	B	1.45	1.85	0.65	1.05	0.4	1.0	0.15		0.1
JK-SMD-0603-125L	B	1.45	1.85	0.65	1.05	0.4	1.0	0.15		0.1
JK-SMD-0603-150L	C	1.45	1.85	0.65	1.05	0.5	1.2	0.15		0.1
JK-SMD-0603-175L	C	1.45	1.85	0.65	1.05	0.5	1.2	0.15		0.1
JK-SMD-0603-200L	C	1.45	1.85	0.65	1.05	0.7	1.4	0.15		0.1
JK-SMD-0603-260L	E	1.45	1.85	0.65	1.05	0.7	1.4	0.15		0.1
JK-SMD-0603-300L	E	1.45	1.85	0.65	1.05	0.7	1.4	0.15		0.1

Electrical characteristics(25°C)

Part Number	I _H (A)	I _T (A)	V _{max} (V)	I _{max} (A)	Pd(W)	Trip Current(A)	Trip Time(S)	R _{min} (Ω)	R _{1max} (Ω)
JK-SMD-0603-035L	0.35	0.70	6.0	50	0.50	8.0	0.1	0.15	1.0
JK-SMD-0603-050L	0.5	1.0	6.0	50	0.50	8.0	0.6	0.07	0.4
JK-SMD-0603-075L	0.75	1.5	6.0	50	0.50	8.0	1.0	0.055	0.25
JK-SMD-0603-100L	1.0	2.0	6.0	50	0.50	8.0	2.0	0.045	0.12
JK-SMD-0603-125L	1.25	2.5	6.0	50	0.50	8.0	3.0	0.035	0.1
JK-SMD-0603-150L	1.5	3.0	6.0	50	0.50	8.0	4.0	0.025	0.08
JK-SMD-0603-175L	1.75	3.5	6.0	50	0.50	8.0	5.0	0.015	0.07
JK-SMD-0603-200L	2.0	4.0	6.0	50	0.50	8.0	5.0	0.012	0.06
JK-SMD-0603-260L	2.6	5.2	6.0	50	0.50	8.0	5.0	0.008	0.05
JK-SMD-0603-300L	3.0	6.0	6.0	50	0.50	8.0	5.0	0.008	0.04

I_H = Hold current: maximum current device will pass without tripping in 25°C still air.

- I_T = Trip current: minimum current at which the device will trip in 25°C still air.
- V_{MAXI} = Maximum interrupt voltage device can withstand without damage at rated current.
- I_{MAX} = Maximum fault current device can withstand without damage at rated voltage.
- R_{MAX} = Maximum resistance of device in initial (un-soldered) state.
- R_{MIN} = Minimum resistance of device in initial (un-soldered) state.

Packing quantity:

Part number	Packing QTY	Part number	Packing QTY
JK-SMD-0603-035L	5000pcs	JK-SMD-0603-150L	4000pcs
JK-SMD-0603-050L	5000pcs	JK-SMD-0603-175L	4000pcs
JK-SMD-0603-075L	5000pcs	JK-SMD-0603-200L	4000pcs
JK-SMD-0603-100L	4000pcs	JK-SMD-0603-260L	4000pcs
JK-SMD-0603-125L	4000pcs	JK-SMD-0603-300L	4000pcs



Operating temperature: -40°C ~+85°C

Specifications are subject to change without notice

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