

Resettable Fuse PTC

Features

Radial leaded devices.

Over-current protection

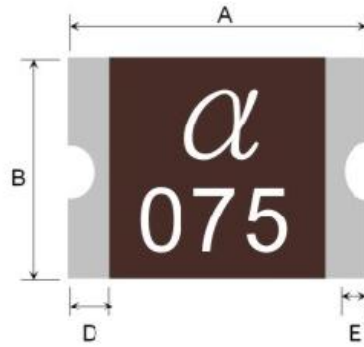
High voltage surge capabilities

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(4532mm/ 1812 mils)



JK-mSMD110 Picture

Unit: mm

Model	A		B		C		D	E(max)
	Min	max	Min	Max	Min	Max	Min	Min
JK-mSMD010	4.37	4.73	3.07	3.41	0.5	1.0	0.3	0.25
JK-mSMD014	4.37	4.73	3.07	3.41	0.5	1.0	0.3	0.25
JK-mSMD020	4.37	4.73	3.07	3.41	0.5	1.0	0.3	0.25
JK-mSMD030	4.37	4.73	3.07	3.41	0.5	1.0	0.3	0.25
JK-mSMD050	4.37	4.73	3.07	3.41	0.4	0.9	0.3	0.25
JK-mSMD075	4.37	4.73	3.07	3.41	0.4	0.9	0.3	0.25
JK-mSMD110	4.37	4.73	3.07	3.41	0.4	0.9	0.3	0.25
JK-mSMD110-16V	4.37	4.73	3.07	3.41	0.4	1.1	0.3	0.25
JK-mSMD125	4.37	4.73	3.07	3.41	0.3	1.1	0.3	0.25
JK-mSMD150	4.37	4.73	3.07	3.41	0.3	0.8	0.3	0.25
JK-mSMD150-16V	4.37	4.73	3.07	3.41	0.3	1.1	0.3	0.25
JK-mSMD160	4.37	4.73	3.07	3.41	0.3	0.8	0.3	0.25
JK-mSMD200	4.37	4.73	3.07	3.41	0.4	1.2	0.3	0.25
JK-mSMD260	4.37	4.73	3.07	3.41	0.5	1.8	0.3	0.25
JK-mSMD300	4.37	4.73	3.07	3.41	0.5	1.8	0.3	0.25
JK-mSMD350	4.37	4.73	3.07	3.41	0.5	1.8	0.3	0.25

Electrical characteristics(25°C)

Part Number	I _h (A)	I _t (A)	V _{max} (V)	I _{max} (A)	P _d (W)	Trip Current(A)	Trip Time(S)	R _{min} (Ω)	R _{1max} (Ω)
JK-mSMD010	0.10	0.30	30.0	100	0.8	0.5	1.50	0.750	15.000
JK-mSMD014	0.14	0.34	33.0	100	0.8	1.5	0.15	0.650	6.000
JK-mSMD014-60V	0.14	0.34	60.0	100	0.8	1.5	0.15	0.650	6.000
JK-mSMD020	0.20	0.40	30.0	100	0.8	8.0	0.02	0.350	5.000
JK-mSMD030	0.30	0.60	30.0	100	0.8	8.0	0.10	0.250	3.000
JK-mSMD050	0.50	1.00	15.0	100	0.8	8.0	0.15	0.250	1.000
JK-mSMD075	0.75	1.50	13.2	100	0.8	8.0	0.20	0.090	0.450
JK-mSMD0110	1.10	2.20	8.0	100	0.8	8.0	0.30	0.050	0.250
JK-mSMD0110-16V	1.10	2.20	16.0	100	0.8	8.0	0.30	0.050	0.250
JK-mSMD125	1.25	2.50	16.0	100	0.8	8.0	0.40	0.050	0.140
JK-mSMD150	1.50	3.00	8.0	100	0.8	8.0	0.50	0.040	0.160
JK-mSMD160	1.60	2.80	8.0	100	0.8	8.0	1.00	0.030	0.130
JK-mSMD200	2.00	4.00	8.0	100	0.8	8.0	2.00	0.020	0.100
JK-mSMD260	2.60	5.00	8.0	100	0.8	8.0	2.50	0.015	0.050
JK-mSMD300	3.00	5.00	8.0	100	0.8	8.0	4.00	0.012	0.040
JK-mSMD350	3.00	6.00	6.0	100	2.0	10.0	0.008	0.008	0.030

- 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:010,014,020,030,200,260,300,350, 1500PCS/Reel

Packing quantity:050,075,110,125,150,160, 2000PCS/Reel

Specifications are subject to change without notice



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