

Resettable Fuse PTC

Features

Radial leaded devices.

Over-current protection

High voltage surge capabilities

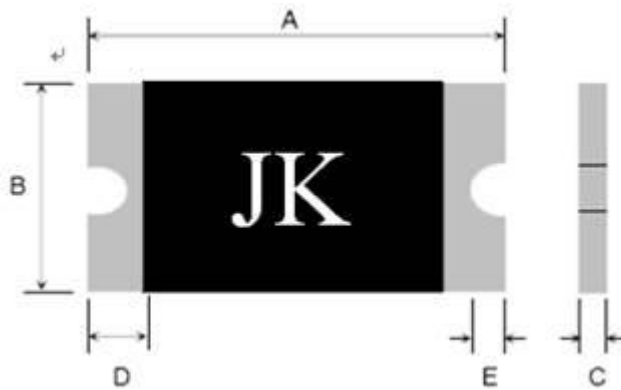
Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.

Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(3225mm / 1210 mils) Unit: mm



Part Number	A		B		C		D	E
	Min	max	Min	Max	Min	Max	Min	Min
JK-SMD1210-005	3.00	3.43	2.35	2.80	0.60	1.25	0.15	0.10
JK-SMD1210-010	3.00	3.43	2.35	2.80	0.60	1.25	0.15	0.10
JK-SMD1210-020	3.00	3.43	2.35	2.80	0.50	1.00	0.15	0.10
JK-SMD1210-035	3.00	3.43	2.35	2.80	0.35	0.85	0.15	0.10
JK-SMD1210-035-30	3.00	3.43	2.35	2.80	0.35	1.00	0.15	0.10
JK-SMD1210-050	3.00	3.43	2.35	2.80	0.35	0.85	0.15	0.10
JK-SMD1210-075	3.00	3.43	2.35	2.80	0.35	0.85	0.15	0.10
JK-SMD1210-110	3.00	3.43	2.35	2.80	0.40	1.10	0.15	0.10
JK-SMD1210-110-12	3.00	3.43	2.35	2.80	0.40	1.40	0.15	0.10
JK-SMD1210-150	3.00	3.43	2.35	2.80	0.60	1.40	0.15	0.10
JK-SMD1210-175	3.00	3.43	2.35	2.80	0.60	1.40	0.15	0.10
JK-SMD1210-200	3.00	3.43	2.35	2.80	0.60	1.60	0.15	0.10

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-SMD1210-005	0.05	0.15	60	100	0.6	0.25	1.50	2.8	50
JK-SMD1210-010	0.10	0.30	60	100	0.6	0.50	0.60	0.8	15
JK-SMD1210-020	0.20	0.40	30	100	0.6	8.0	0.02	0.40	5
JK-SMD1210-035	0.35	0.75	30	100	0.6	8.0	0.20	0.20	1.3
JK-SMD1210-035-30	0.35	0.75	16	100	0.6	8.0	0.20	0.20	1.3
JK-SMD1210-050	0.50	1.00	13.2	100	0.6	8.0	0.10	0.18	0.9
JK-SMD1210-075	0.75	1.50	6	100	0.6	8.0	0.10	0.07	0.4
JK-SMD1210-110	1.10	2.20	6	100	0.6	8.0	0.30	0.05	0.21
JK-SMD1210-110-12	1.10	2.20	12	100	0.8	8.0	0.30	0.05	0.25
JK-SMD1210-150	1.50	3.00	6	100	0.8	8.0	0.50	0.03	0.21
JK-SMD1210-175	1.75	3.50	6	100	0.8	8.0	0.60	0.02	0.08
JK-SMD1210-200	2.00	4.00	6	100	0.8	8.0	1.00	0.015	0.07

- 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:

JK-SMD1210-005 ~ JK-SMD1210-150 4000PCS/Reel
 JK-SMD1210-175 ~ JK-SMD1210-200 3000PCS/Reel

Operating temperature: -40°C ~+85°C

Specifications are subject to change without notice



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