

Resettable Fuse PTC

Features

Radial leaded devices.

Over-current protection

High voltage surge capabilities

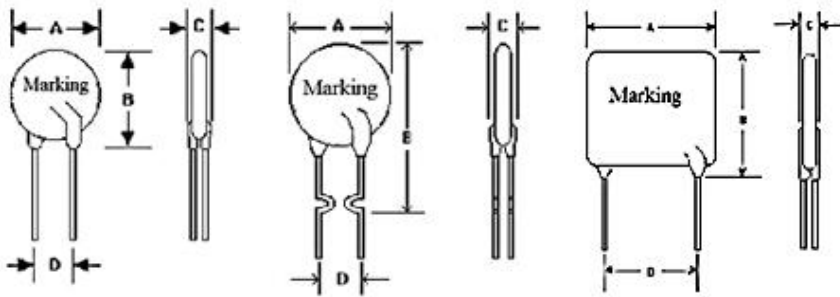
Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.

Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(Unit:mm)



Model	Fig.	Maximum contour size(mm)			
		A	B	C	D
JK60005	1	5.0	8.5	3	5.10
JK60010	1	5.50	9.5	3	5.10
JK60020	1	7.4	12.7	3	5.10
JK60040	2	7.4	16.2	3	5.10
JK60065	2	9.4	17.8	3	5.10
JK60075	2	10.4	18.4	3	5.10
JK60090	2	11.7	18.4	3	5.10
JK60135	1	14.5	19.6	3	5.10
JK60160	1	16.3	21.3	3	5.10
JK60185	1	17.8	22.9	3	5.10
JK60200	1	17.8	22.9	3	5.10
JK60250	1	21.3	26.4	3	10.2
JK60300	1	21.3	26.4	3	10.2

Electrical characteristics(25°C)

Part Number	I _{hold}	I _{trip}	V _{max}	I _{max}	P _d	Maximum Time To Trip		Resistance		
			OP		Typ	Current	Time	R _{min}	R _{max}	R _{1max}
	(A)	(A)	V _{dC}	(A)	(W)	(A)	(S)	(Ω)	(Ω)	(Ω)
JK60005	0.05	0.10	60	40	0.30	0.25	5	7.30	20	30.0
JK60010	0.10	0.20	60	40	0.38	0.50	5	2.50	7.50	12.0
JK60017	0.17	0.34	60	40	0.48	0.85	5	2.00	5.21	8.0
JK60020	0.20	0.40	60	40	0.41	1.00	5	1.50	2.84	4.5
JK60025	0.25	0.50	60	40	0.45	1.25	5	1.00	1.95	3.0
JK60030	0.30	0.60	60	40	0.49	1.50	5	0.76	1.38	2.2
JK60040	0.40	0.80	60	40	0.56	2.00	5	0.55	0.88	1.4
JK60050	0.50	1.00	60	40	0.77	2.50	5	0.50	0.79	1.2
JK60065	0.65	1.30	60	40	0.88	3.25	5	0.31	0.50	0.74
JK60075	0.75	1.50	60	40	0.92	3.75	5	0.25	0.42	0.62
JK60090	0.90	1.80	60	40	0.99	4.50	5	0.20	0.33	0.49
JK60110y	1.10	2.20	60	40	0.15	5.50	8	0.15	0.27	0.40
JK60110f	1.10	2.20	60	40	0.15	5.50	8	0.15	0.27	0.40
JK60135	1.35	2.70	60	40	0.12	6.75	8	0.12	0.21	0.32
JK60160	1.60	3.20	60	40	0.09	8.00	8	0.09	0.16	0.24
JK60185	1.85	3.70	60	40	0.08	9.25	8	0.08	0.14	0.21
JK60200	2.00	4.00	60	40	0.07	10.00	8	0.07	0.14	0.16
JK60250	2.50	5.00	60	40	0.05	12.50	8	0.05	0.10	0.15
JK60300	3.00	6.00	60	40	0.04	15.00	8	0.04	0.08	0.12
JK60375	3.75	7.50	60	40	0.03	18.75	24	0.03	0.06	0.10
JK60500	5.0	10.0	60	40	0.02	25.00	24	0.02	0.06	0.10

- 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.

Operating temperature: -40°C ~+85°C



Specifications are subject to change without notice

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