Resettable Fuse PTC

Features

Radial leaded devices.

Over-current protection

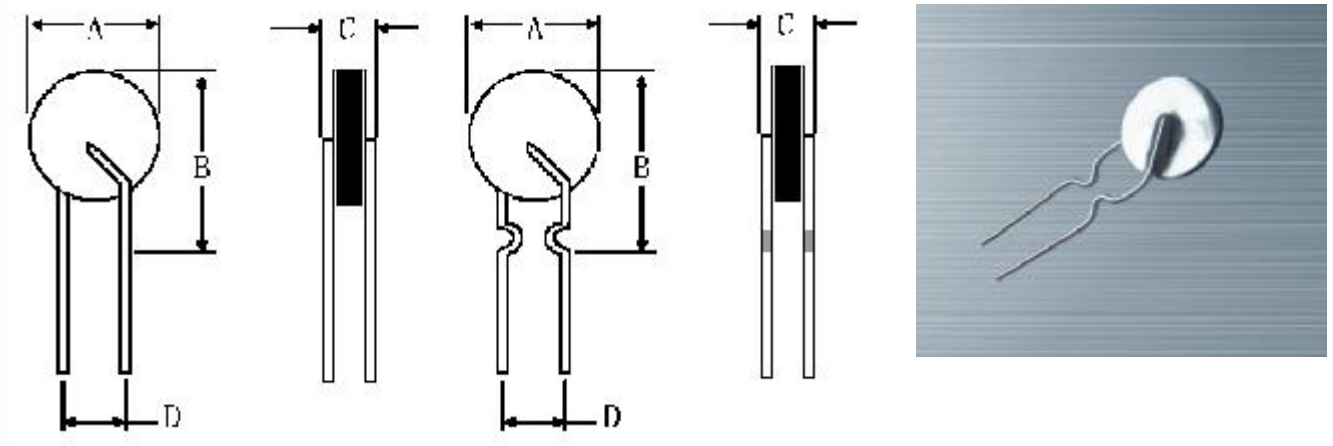
High voltage surge capabilities

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	A(max)	B(max)	C(max)	D(max)
JK90150	4.9	13.5	3.0	5.1
JK90200	5.5	13.5	3.0	5.1
JK90250	6.3	13.7	3.0	5.1
JK90350	7.9	14.5	3.0	5.1
JK90550	9.8	15.8	3.0	5.1
JK90550z	9.8	12	3.0	5.1
JK90750	11.3	18	3.0	5.1
JK90900	12.9	1.6	3.0	5.1

Electrical characteristics(25℃)

Part Number	Ih (A)	It (A)	Vmax (V)	Imax (A)	Max.Time To Trip At 3*Ih (S)	Pd (W)	Initial resistance (Ω)		Fig
							Rmin	Rmax	
JK90150	0.15	0.30	90	20	30	1.65	1.50	3.00	2
JK90200	0.20	0.40	90	20	30	1.70	1.00	2.50	2
JK90250	0.25	0.50	90	20	30	1.75	0.80	2.00	2
JK90350	0.35	0.75	90	20	30	1.80	0.60	1.20	2
JK90550z	0.55	1.10	90	20	30	2.00	0.30	0.90	1
JK90550	0.55	1.10	90	20	30	2.00	0.35	0.90	2
JK90750	0.75	1.50	90	20	30	2.50	0.20	0.60	2
JK90900	0.90	1.80	90	20	30	3.00	0.10	0.50	2

- I_H = Hold current: maximum current device will pass without tripping in 25℃ still air.
- I_T = Trip current: minimum current at which the device will trip in 25℃ 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℃ ~+85℃

Packing quantity:1000PCS