



深圳市金科特种材料有限公司
SHENZHEN JINKE SPECIAL MATERIALS CO.,LTD

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JK Series of Polymer PTC Resettable Fuse
Introduction to the Product (JINKE-Polymer PTC Resettable Fuse)

JK Series of polymer PTC resettable fuse is a new generation of overcurrent protection product, its function corresponds to the resettable and repeatedly-usable fuses, being used to protect circuit from damage by high current and having such superiorities as automatic reset, high security, short restoring time, fine performance of resistance to strong current as well as little volume. The products are classified into 10 major categories and nearly 100 specifications based on their rated operation voltage (Operating Voltage: 6v-600v), holding current (Holding Current:90mA-14A) and shape, they can be used in communication exchanger, main distributing frame, computer mouse, keyboard, micromotor, transformer, audio, battery and other electrical equipments as well as circuits.

JK60 Series of Polymer PTC Self-Restoring Fuse Used for Communication Equipment

The rated operating voltage of JK Series of PTC is 60v while its holding current being 100mA-5A. this series of resettable fuse apply to the circuits with rather higher rated operating voltage, for example in light fixture, computer, UPS, fire alarm and security protection systems, satellite television-reception system and other testing as well as measuring equipment.

Appearance of Products:

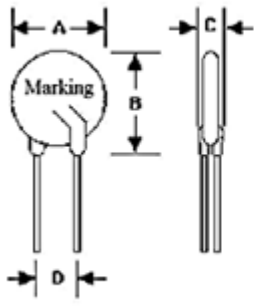


Figure 1

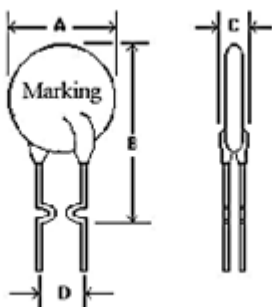


Figure 2

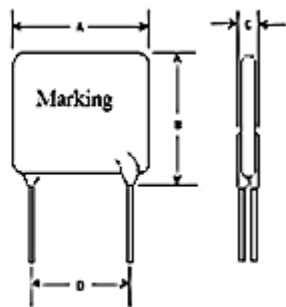


Figure 3

Model of Product and Technical Parameter

Electrical characteristics(25°C)

Model	V _{max} (V)	I _{max} (A)	I _h (A)	R _{max} (Ω)	R _{min} (Ω)	Pd (W)	Fig.	Maximum Contour Size(mm)			
								A	B	C	D
JK60-005	60	40	0.05	20.0	12.0	0.30	1	5.0	8.5	3.1	5.10
JK60-010	60	40	0.10	7.50	2.50	0.38	1	5.50	9.5	3.1	5.10
JK60-017	60	40	0.17	5.21	2.84	0.48	1	7.40	12.7	3.1	5.10
JK60-020	72	40	0.20	2.84	1.83	0.41	1	7.40	12.7	3.1	5.10
JK60-025	72	40	0.25	1.95	1.25	0.45	1	7.40	12.7	3.1	5.10
JK60-030	72	40	0.30	1.36	0.88	0.49	1	7.40	13.0	3.1	5.10
JK60-040	72	40	0.40	0.88	0.55	0.56	2	7.40	13.5	3.1	5.10
JK60-050	72	40	0.50	0.79	0.50	0.77	2	7.60	13.5	3.1	5.10
JK60-065	72	40	0.65	0.50	0.31	0.88	2	9.40	14.5	3.1	5.10
JK60-075	72	40	0.75	0.42	0.25	0.92	2	10.2	15.2	3.1	5.10
JK60-090	72	40	0.90	0.33	0.20	0.99	2	11.2	15.8	3.1	5.10
JK60-110-y	72	40	1.10	0.27	0.15	1.50	1	12.8	18.0	3.1	5.10
JK60-110-f	72	40	1.10	0.27	0.15	1.50	3	13.0	18.0	3.1	5.10
JK60-135	72	40	1.35	0.21	0.12	1.70	1	14.5	19.6	3.1	5.10
JK60-160	72	40	1.60	0.16	0.09	1.90	1	16.3	21.3	3.1	5.10
JK60-185	72	40	1.85	0.14	0.08	2.10	1	17.5	22.9	3.1	5.10
JK60-250	72	40	2.50	0.10	0.05	2.50	1	20.8	26.4	3.1	10.2
JK60-300	72	40	3.00	0.08	0.04	2.80	1	23.9	30.0	3.1	10.2

JK60-375	72	40	3.75	0.07	0.03	3.20	1	27.2	31.8	3.1	10.2
JK60-500	72	40	5.00	0.02	0.03	4.20	1	27.2	31.8	3.1	10.2

Note:

1\The size is the maximum one

2\JINKE is providing customer with application supporting , and products can be tailor made according to customer different usage. Please consult our sales engineer



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