Resettable Fuse PTC 16V Series

Features

RoHS Compliant ＆ Halogen Free

Radial leaded Devices

Cured，flame retardant epoxy polymer insulating material meets UL94V-0 requirements

Operation Current: 0.1A~14A ， Maximum Voltage: 16Vdc，

Operating Temperature：-40℃ to +85℃

Agency recognition: TÜV RoHS

Dimensions(Unit:mm)

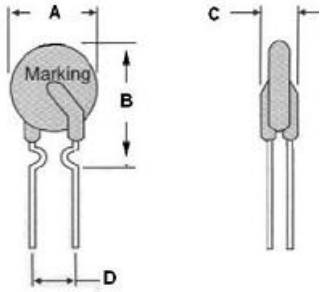

Fig 1

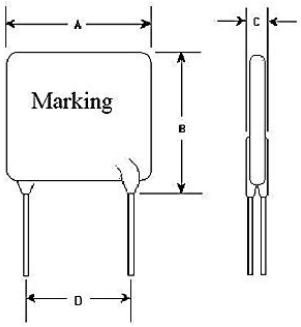

Fig 2

Part number	Dimensions(mm)				Lead material	Shape	TUV Certification	Delivery Time	
	A(max)	B(max)	C(max)	D(Typ)	Tinned Matel(mm)	Fig	R 50108769	in stock	Produce
JK16-010T	5.5	12.0	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-025T	5.5	12.0	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-030T	5.5	12.0	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-050T	5.5	12.0	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-075T	7.4	13.5	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-090T	7.4	13.5	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-110T	7.4	13.5	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-135T	7.4	13.5	3.0	5.1	24 AWG/ Φ0.5	1	-	3days	14days
JK16-160T	7.4	14.0	3.0	5.1	24 AWG/ Φ0.5	2	-	3days	14days
JK16-200T	9.0	12.0	3.0	5.1	24 AWG/ Φ0.5	2	-	3days	14days
JK16-300	9.0	12.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-400	10.0	13.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-500	10.0	17.5	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-600	13.5	17.5	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days

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	A(max)	B(max)	C(max)	D(Typ)	Tinned Matel(mm)	Fig	R 50108769	in stock	Produce
JK16-700	13.5	23.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-800	13.5	23.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-900	15.0	24.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-1000	18.0	26.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-1100	18.0	26.0	3.0	5.1	20 AWG/ Φ0.8	2	√	3days	14days
JK16-1200	22.5	26.0	3.0	10.2	20 AWG/ Φ0.8	2	√	3days	14days
JK16-1300	24.0	30.0	3.0	10.2	20 AWG/ Φ0.8	2	√	3days	14days
JK16-1400	24.0	30.0	3.0	10.2	20 AWG/ Φ0.8	2	√	3days	14days

Note: Dimensions A,B,Cis the maximum size,D Values is typical tolernce of ±0.5mm

Electrical characteristics(25℃)

Part Number	I Hold	I Trip	Vmax	Imax	Pd Max	Maximum Time to Trip		Nominal resistance（mΩ）		TUV	Delivery Time	
	A	A	DC	A	W	Current（A）	Time（S）	Rmin	Rmax	Certification	in stock	Produce
JK16-010T	0.1	0.3	16V	100	0.38	0.5	5	1500	7500	-	3days	14days
JK16-025T	0.25	0.5	16V	100	0.45	1.25	5	500	1950	-	3days	14days
JK16-030T	0.3	0.6	16V	100	0.49	1.5	5	300	700	-	3days	14days
JK16-050T	0.5	1.0	16V	100	0.56	2.5	5	200	500	-	3days	14days
JK16-075T	0.75	1.5	16V	100	0.72	3.75	5	100	260	-	3days	14days
JK16-090T	0.9	1.8	16V	100	0.83	4.5	5	90	180	-	3days	14days
JK16-110T	1.1	2.2	16V	100	0.94	5.5	5	60	150	-	3days	14days
JK16-135T	1.35	2.7	16V	100	1.2	6.75	5	40	130	-	3days	14days
JK16-160T	1.6	3.2	16V	100	1.4	8	5	40	110	-	3days	14days
JK16-200T	2	4	16V	100	2.2	6	15	35	75	-	3days	14days
JK16-300	3	6	16V	100	2.3	9	15	20	60	√	3days	14days
JK16-400	4	8	16V	100	2.4	12	15	20	40	√	3days	14days
JK16-500	5	10	16V	100	2.6	15	15	14	25	√	3days	14days
JK16-600	6	12	16V	100	2.8	18	15	10	21	√	3days	14days
JK16-700	7	14	16V	100	3.0	21	15	8	15	√	3days	14days
JK16-800	8	16	16V	100	3.0	24	15	6	13	√	3days	14days
JK16-900	9	18	16V	100	3.3	27	25	4	12	√	3days	14days
JK16-1000	10	20	16V	100	3.7	30	30	4	11	√	3days	14days
JK16-1100	11	22	16V	100	3.7	33	30	3	9	√	3days	14days
JK16-1200	12	24	16V	100	4.2	36	30	3	8	√	3days	14days
JK16-1300	13	26	16V	100	4.2	39	50	3	8	√	3days	14days
JK16-1400	14	28	16V	100	4.2	40	50	3	7	√	3days	14days

Electrical characteristics(25℃)

I_{Hold}=Hold current:maximum current at which the device will not trip at 25℃ still air.

I_{Trip}=Trip current:minimum current at which the device will nalways at 25℃ still air.

Vmax=Maximum voltage device can withstand without damage at rated current.

Imax=Maximum fault current device can withstand tithout damage at rated voltage.

T_{trip}=Maximum time to trip(s) at assigned current.

P_d=Typical power dissipation:typical amount of power dissipated by the decice when in state air environment.

R_{min}=Minimum device resistance at 25℃ prior to tripping.

R_{max}=Maximum device resistance at 25℃ prior to tripping.

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