

Resettable Fuse PTC 60V Series

Features

RoHS Compliant & Halogen Free

Radial leaded Devices

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

Operation Current: 0.05A~5A , Maximum Voltage: 60Vdc,

Operating Temperature: -40°C to +85°C

Agency recognition:



Dimensions(Unit:mm)

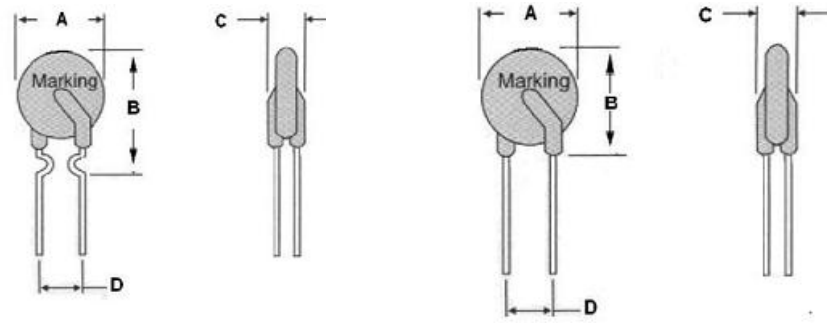


Fig.1

Fig.2



Part number	Dimensions(mm)				Lead material	Shape	Certification		Delivery Time	
	A(max)	B(max)	C(max)	D(Typ)	Tinned Matel(mm)	Fig	UL	TUV	in stock	Produce
JK60-005	5.0	8.5	3	5.10	24 AWG/ Φ0.5	Fig1	-	√	3days	14days
JK60-010	5.50	9.5	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-017	7.4	12.7	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-020	7.4	12.7	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-025	7.4	12.7	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-030	7.4	13.0	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-040	7.8	16.2	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-050	7.8	16.2	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK60-065	9.7	17.8	3	5.10	22 AWG/ Φ0.6	Fig1	√	√	3days	14days
JK60-075	10.4	18.4	3	5.10	22 AWG/ Φ0.6	Fig1	√	√	3days	14days
JK60-090	11.7	18.4	3	5.10	22 AWG/ Φ0.6	Fig1	√	√	3days	14days
JK60-110	13.0	18.0	3	5.10	20 AWG/ Φ0.8	Fig2	-	√	3days	14days
JK60-135	14.5	19.6	3	5.1	20 AWG/ Φ0.8	Fig2	√	√	3days	14days
JK60-160	16.3	21.3	3	5.1	20 AWG/ Φ0.8	Fig2	√	√	3days	14days

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Part number	Dimensions(mm)				Lead material	Shape	Certification		Delivery Time	
	A(max)	B(max)	C(max)	D(Typ)	Tinned Matel(mm)	Fig	UL	TUV	in stock	Produce
JK60-185	17.8	22.9	3	5.1	20 AWG/ Φ0.8	Fig2	√	√	3days	14days
JK60-200	17.8	22.9	3	5.1	20 AWG/ Φ0.8	Fig2	-	-	3days	14days
JK60-250	21.3	26.4	3	10.2	20 AWG/ Φ0.8	Fig2	√	√	3days	14days
JK60-300	21.3	26.4	3	10.2	20 AWG/ Φ0.8	Fig2	√	√	3days	14days
JK60-375	28.5	33.5	3	10.2	20 AWG/ Φ0.8	Fig2	√	√	3days	14days
JK60-500	28.5	33.5	3	10.2	20 AWG/ Φ0.8	Fig2	-	-	3days	14days

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

Electrical characteristics(25°C)

Part Number	I _{Hold}	I _{Trip}	V _{max}	I _{max}	P _d Max	Maximum Time to Trip		Nominal resistance (Ω)		Certification		Delivery Time	
	A	A	DC	A	W	Current (A)	Time (S)	R _{min}	R _{max}	UL	TUV	in stock	Produce
	JK60-005	0.05	0.15	60V	40	0.26	0.25	8	7.30	20	-	√	3days
JK60-010	0.10	0.30	60V	40	0.38	0.50	5	2.50	7.50	√	√	3days	14days
JK60-017	0.17	0.34	60V	40	0.48	0.85	5	2.00	5.21	√	√	3days	14days
JK60-020	0.20	0.40	60V	40	0.41	1.00	5	1.50	2.84	√	√	3days	14days
JK60-025	0.25	0.50	60V	40	0.45	1.25	5	1.00	1.95	√	√	3days	14days
JK60-030	0.30	0.60	60V	40	0.49	1.50	5	0.76	1.38	√	√	3days	14days
JK60-040	0.40	0.80	60V	40	0.56	2.00	5	0.55	0.88	√	√	3days	14days
JK60-050	0.50	1.00	60V	40	0.77	2.50	5	0.50	0.79	√	√	3days	14days
JK60-065	0.65	1.30	60V	40	0.88	3.25	5	0.31	0.50	√	√	3days	14days
JK60-075	0.75	1.50	60V	40	0.92	3.75	5	0.25	0.42	√	√	3days	14days
JK60-090	0.90	1.80	60V	40	0.99	4.50	5	0.20	0.33	√	√	3days	14days
JK60-110	1.10	2.20	60V	40	1.5	5.50	8	0.15	0.27	-	√	3days	14days
JK60-135	1.35	2.70	60V	40	1.7	6.75	8	0.12	0.21	√	√	3days	14days
JK60-160	1.60	3.20	60V	40	1.9	8.00	8	0.09	0.16	√	√	3days	14days
JK60-185	1.85	3.70	60V	40	2.1	9.25	8	0.08	0.14	√	√	3days	14days
JK60-200	2.00	4.00	60V	40	2.3	10.00	8	0.07	0.14	-	-	3days	14days
JK60-250	2.50	5.00	60V	40	2.5	12.50	8	0.05	0.10	√	√	3days	14days
JK60-300	3.00	6.00	60V	40	2.8	15.00	8	0.04	0.08	√	√	3days	14days
JK60-375	3.75	7.50	60V	40	3.2	18.75	24	0.03	0.06	√	√	3days	14days
JK60-500	5.0	10.0	60V	40	3.5	25.00	24	0.02	0.06	-	-	3days	14days

Electrical characteristics(25°C)

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

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

V_{max}=Maximum voltage device can withstand without damage at rated current.

I_{max}=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°C prior to tripping.

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

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