Resettable Fuse PTC 30V Series

Features

Radial leaded Devices

Operation Current: 0.5A~9A ， Maximum Voltage: 30Vdc，Operating

Operating Temperature：-40℃ to +85℃

Agency recognition:

Dimensions(Unit:mm)

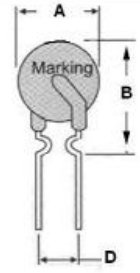

Fig.1

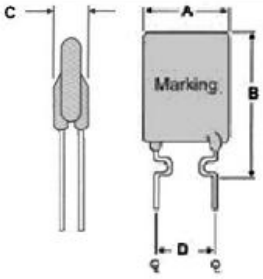

Fig.2

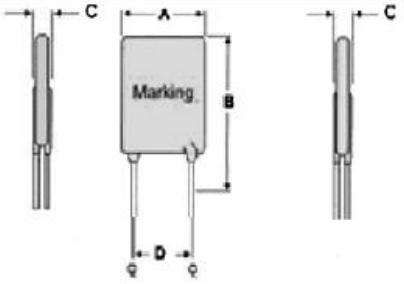

Fig.3

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
JK30-050	7.40	12.7	3	5.10	24 AWG/ Φ0.5	Fig1	-	√	3days	14days
JK30-075	7.40	13.0	3	5.10	24 AWG/ Φ0.5	Fig1	√	√	3days	14days
JK30-090	7.40	18.5	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-110	7.40	18.5	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-120	7.40	18.5	3	5.10	24 AWG/ Φ0.5	Fig2	-	√	3days	14days
JK30-135	9.20	17.6	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-160	9.20	20.2	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-185	9.20	20.2	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-200	15.2	20.2	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-250	13.2	22.4	3	5.10	24 AWG/ Φ0.5	Fig2	√	√	3days	14days
JK30-300	13.2	20.4	3	5.10	20 AWG/ Φ0.8	Fig3	√	√	3days	14days
JK30-400	14.0	23.7	3	5.10	20 AWG/ Φ0.8	Fig3	√	√	3days	14days
JK30-500	14.0	23.7	3	10.2	20 AWG/ Φ0.8	Fig3	√	√	3days	14days
JK30-600	17.2	27	3	10.2	20 AWG/ Φ0.8	Fig3	√	√	3days	14days
JK30-700	17.2	27	3	10.2	20 AWG/ Φ0.8	Fig3	√	√	3days	14days
JK30-800	23.5	29.2	3	10.2	20 AWG/ Φ0.8	Fig3	√	√	3days	14days
JK30-900	23.5	29.2	3	10.2	20 AWG/ Φ0.8	Fig3	√	√	3days	14days

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Electrical characteristics(25℃)

Part Number	I Hold	I Trip	Vmax	Imax	Pd Max	Maximum Time to Trip		Nominal resistance（mΩ）		Certification		Delivery Time	
	A	A	DC	A	W	Current（A）	Time（S）	Rmin	Rmax	UL	TUV	in stock	Produce
JK30-050	0.50	1.0	30V	40	0.5	2.5	5.0	250	600	-	√	3days	14days
JK30-075	0.75	1.5	30V	40	0.6	3.75	5.0	200	370	√	√	3days	14days
JK30-090	0.90	1.8	30V	40	0.7	4.5	8.0	100	220	√	√	3days	14days
JK30-110	1.10	2.2	30V	40	0.7	5.5	8.0	70	200	√	√	3days	14days
JK30-120	1.20	2.4	30V	40	0.8	6.0	8.0	80	180	-	√	3days	14days
JK30-135	1.35	2.7	30V	40	0.8	6.75	8.0	70	160	√	√	3days	14days
JK30-160	1.60	3.2	30V	40	0.9	8.0	8.0	60	140	√	√	3days	14days
JK30-185	1.85	3.7	30V	40	1.0	9.25	8.0	50	120	√	√	3days	14days
JK30-200	2.00	4.0	30V	40	1.2	10.0	11	40	100	√	√	3days	14days
JK30-250	2.50	5.0	30V	40	1.2	12.5	11	30	80	√	√	3days	14days
JK30-300	3.00	6.0	30V	40	2.0	15.0	11	30	70	√	√	3days	14days
JK30-400	4.00	8.0	30V	40	2.5	20.0	12.7	10	60	√	√	3days	14days
JK30-500	5.00	10	30V	40	3.0	25.0	14.5	10	50	√	√	3days	14days
JK30-600	6.00	12	30V	40	3.5	30.0	16	5	40	√	√	3days	14days
JK30-700	7.00	14	30V	40	3.8	35.0	17.5	5	30	√	√	3days	14days
JK30-800	8.00	16	30V	40	4.0	40.0	18.8	5	25	√	√	3days	14days
JK30-900	9.00	18	30V	40	4.2	40.0	20	5	20	√	√	3days	14days

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

ITrip=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.

Ttrip=Maximum time to trip(s) at assigned current.

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

Rmin=Minimum device resistance at 25℃ prior to tripping.

Rmax=Maximum device resistance at 25℃ prior to tripping.

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