

## 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)

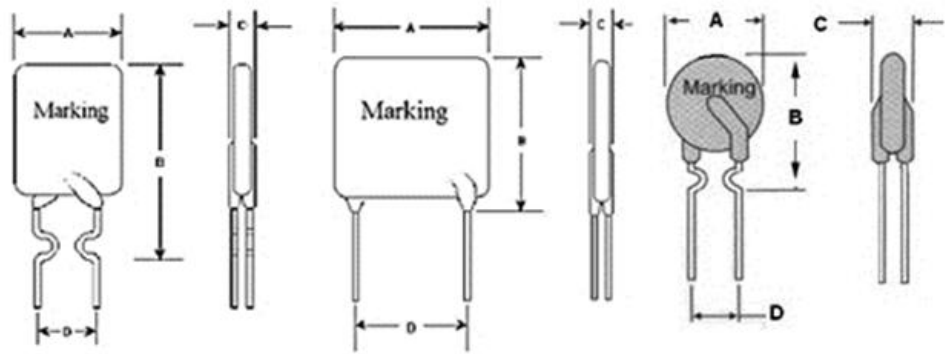


figure 1

figure 2



Model	Fig.	Maximum Contour Size(mm)			
		A	B	C	D
JK30075	3	7.40	12.2	3	5.10
JK30090	1	7.40	18.5	3	5.10
JK30110	1	7.40	18.5	3	5.10
JK30135	1	9.20	17.6	3	5.10
JK30160	1	9.20	20.2	3	5.10
JK30185	1	9.20	20.2	3	5.10
JK30200	1	15.2	20.2	3	5.10
JK30250	1	13.2	22.4	3	5.10
JK30300	2	13.2	20.4	3	5.10
JK30400	2	14.0	23.7	3	5.10
JK30500	2	14.0	23.7	3	10.2
JK30600	2	17.2	27	3	10.2
JK30700	2	17.2	27	3	10.2
JK30900	2	23.5	29.2	3	10.2

## Electrical characteristics(25°C)

Part Number	Ihold	Itrip	Vmax	Imax	Pd	Maximum Time To Trip		Resistance		
			OP			Current	Time	Rmin	Rmax	R1max
	(A)	(A)	(Vdc)	(A)	(W)	(A)	(S)	(Ω)	(Ω)	(Ω)
<b>JK30075</b>	0.75	1.50	30	40	0.6	3.75	7.0	200	370	620
<b>JK30090</b>	0.90	1.80	30	40	0.7	4.50	7.1	130	220	300
<b>JK30110</b>	1.10	2.20	30	40	0.7	5.50	6.6	90	200	260
<b>JK30120</b>	1.20	2.40	30	40	0.8	6.00	7.3	80	160	220
<b>JK30135</b>	1.35	2.70	30	40	0.8	6.75	8.0	70	160	220
<b>JK30160</b>	1.60	3.20	30	40	0.9	8.00	8.7	60	140	200
<b>JK30185</b>	1.85	3.70	30	40	1.0	9.25	8.0	50	120	200
<b>JK30200</b>	2.0	4.0	30	40	1.2	10.0	11.0	40	100	160
<b>JK30250</b>	2.5	5.0	30	40	1.2	12.5	10.3	30	80	140
<b>JK30300</b>	3.0	6.0	30	40	2.0	15.0	10.8	30	70	140
<b>JK30400</b>	4.0	8.0	30	40	2.5	20.0	12.7	10	60	120
<b>JK30500</b>	5.0	10.0	30	40	3.0	25.0	14.5	10	50	90
<b>JK30600</b>	6.0	12.0	30	40	3.5	30.0	16.0	5	40	70
<b>JK30700</b>	7.0	14.0	30	40	3.8	35.0	17.5	5	30	60
<b>JK30800</b>	8.0	16.0	30	40	4.0	40.0	18.8	5	25	45
<b>JK30900</b>	9.0	18.0	30	40	4.2	40.0	20.0	5	20	35

- I<sub>H</sub> = Hold current: maximum current device will pass without tripping in 25°C still air.
- I<sub>T</sub> = Trip current: minimum current at which the device will trip in 25°C still air.
- V<sub>MAXI</sub> = Maximum interrupt voltage device can withstand without damage at rated current.
- I<sub>MAX</sub> = Maximum fault current device can withstand without damage at rated voltage.
- R<sub>MAX</sub> = Maximum resistance of device in initial (un-soldered) state.
- R<sub>MIN</sub> = Minimum resistance of device in initial (un-soldered) state.

**Operating temperature: -40°C ~+85°C**

**Packing quantity:500PCS**



Specifications are subject to change without notice

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**Cross Reference List (30V Series)****Cross Reference**

HUAAN Resettable Fuse Part Number	Littelfuse Resettable PTC Part Number
<b>JK30075</b>	
<b>JK30090</b>	<b>30R090U</b>
<b>JK30110</b>	<b>30R110U</b>
<b>JK30120</b>	
<b>JK30135</b>	<b>30R135U</b>
<b>JK30160</b>	<b>30R160U</b>
<b>JK30185</b>	<b>30R185U</b>
<b>JK30200</b>	
<b>JK30250</b>	<b>30R250U</b>
<b>JK30300</b>	<b>30R300U</b>
<b>JK30400</b>	<b>30R400U</b>
<b>JK30500</b>	<b>30R500U</b>
<b>JK30600</b>	<b>30R600U</b>
<b>JK30700</b>	<b>30R700U</b>
<b>JK30800</b>	<b>30R800U</b>
<b>JK30900</b>	<b>30R900U</b>

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