



## TRC(60/72V) Series

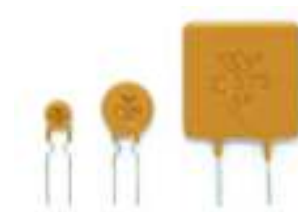
## Features

- ◆ Radial Leaded Devices
- ◆ Cured, flame retardant epoxy polymer insulating material meets UL 94V-0 requirements
- ◆ Bulk Package, or tape and reel available on most models
- ◆ UL(Pending), C-UL(Pending), TUV(R50322003)
- ◆ RoHS, Reach, HF compliance

## Applications

Almost anywhere there is a low voltage power supply, up to 60V and a load to be protected, including:

- ◆ Personal computer
- ◆ Toys
- ◆ Industrial controls



## 电气特性：

P/N	保持电流	跳脱电流	最大电压	最大电流	最大动作时间		消耗功率	电阻范围 (Ω)		
	$I_H$ (A)	$I_T$ (A)	$V_{max}$ (V)	$I_{max}$ (A)	(A)	(Sec.)	$Pd_{typ}$ (W)	$R_{min}$	$R_{max}$	$R1_{max}$
TRC005	0.05	0.15	60	40	0.25	5.0	0.22	7.30	11.10	25.00
TRC010	0.10	0.20	60	40	0.50	4.0	0.38	2.30	8.10	12.0
TRC017	0.17	0.34	60/72	40	0.85	3.0	0.48	2.00	5.21	8.00
TRC020	0.20	0.40	60/72	40	1.00	2.2	0.40	1.30	2.84	4.50
TRC025	0.25	0.50	60/72	40	1.25	2.5	0.45	0.90	1.95	3.00
TRC030	0.30	0.60	60/72	40	1.50	3.0	0.50	0.70	1.36	2.10
TRC040	0.40	0.80	60/72	40	2.00	3.8	0.55	0.48	0.95	1.40
TRC050	0.50	1.00	60/72	40	2.50	4.0	0.75	0.38	0.78	1.20
TRC065	0.65	1.30	60/72	40	3.25	5.3	0.90	0.24	0.54	0.74
TRC075	0.75	1.50	60/72	40	3.75	6.3	0.90	0.23	0.45	0.62
TRC090	0.90	1.80	60/72	40	4.50	7.2	1.00	0.14	0.31	0.49
TRC110	1.10	2.20	60/72	40	5.50	8.2	1.50	0.15	0.25	0.40
TRC135	1.35	2.70	60/72	40	6.75	9.6	1.70	0.12	0.19	0.32
TRC160	1.60	3.20	60/72	40	8.00	11.4	1.90	0.09	0.14	0.24
TRC185	1.85	3.70	60/72	40	9.25	12.6	2.10	0.08	0.12	0.21
TRC250	2.50	5.00	60/72	40	12.50	15.6	2.50	0.05	0.08	0.15
TRC300	3.00	6.00	60/72	40	15.00	19.8	2.80	0.04	0.06	0.12
TRC375	3.75	7.50	60/72	40	18.75	24.0	3.20	0.03	0.05	0.10
TRC500	5.0	10.0	60/72	40	25.0	24.0	3.2	0.02	0.05	0.100

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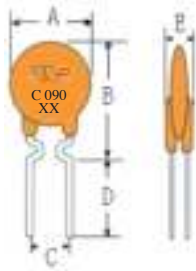
电路保护元器件专业制造商

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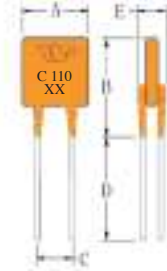


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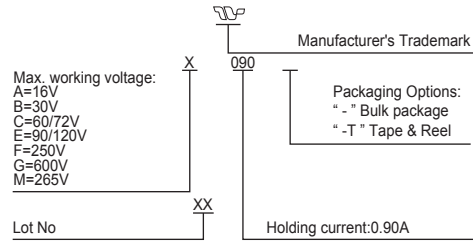
### 产品尺寸 (Unit: mm) :



Style1



Style2



P/N	A	B	C	D	E	物理特性		
	Max.(最大)	Max.(最大)	Typ.(标准)	Min.(最小)	Max.(最大)	Style(样式)	Lead Φ mm	Material(材料)
TRC005	7.4	12.7	5.1	7.6	3.1	1	0.50	CP
TRC010	7.4	12.7	5.1	7.6	3.1	1	0.50	CP
TRC017	7.4	12.7	5.1	7.6	3.1	1	0.50	CP
TRC020	7.4	12.7	5.1	7.6	3.1	1	0.50	CP
TRC025	7.4	12.7	5.1	7.6	3.1	1	0.50	CP
TRC030	7.4	13.4	5.1	7.6	3.1	1	0.50	CP
TRC040	9.7	14.5	5.1	7.6	3.1	1	0.50	CP
TRC050	9.7	15.2	5.1	7.6	3.1	1	0.60	Cu
TRC065	9.7	15.2	5.1	7.6	3.1	1	0.60	Cu
TRC075	10.4	16.0	5.1	7.6	3.1	1	0.60	Cu
TRC090	11.7	16.7	5.1	7.6	3.1	1	0.60	Cu
TRC110	13.0	18.0	5.1	7.6	3.1	2	0.80	Cu
TRC135	14.5	19.6	5.1	7.6	3.1	2	0.80	Cu
TRC160	16.3	21.3	5.1	7.6	3.1	2	0.80	Cu
TRC185	17.8	22.9	5.1	7.6	3.1	2	0.80	Cu
TRC250	21.3	26.4	10.2	7.6	3.1	2	0.80	Cu
TRC300	24.9	30.0	10.2	7.6	3.1	2	0.80	Cu
TRC375	28.4	33.5	10.2	7.6	3.1	2	0.80	Cu
TRC500	28.4	33.5	10.2	7.6	3.1	2	0.80	Cu

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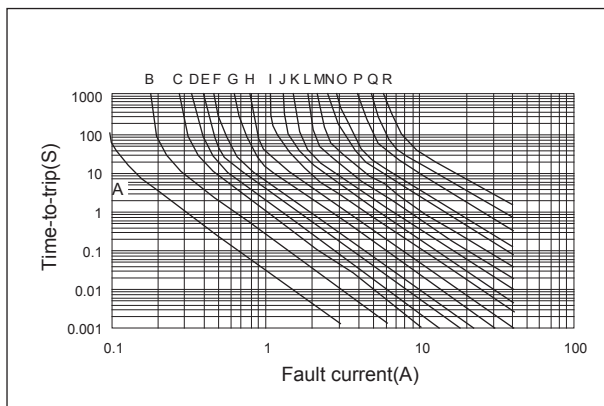
### TRC(60/72V) Series

#### 环境温度与工作电流关系特性曲线：

P/N	工作环境温度								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
TRC005	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02
TRC010	0.16	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.04
TRC017	0.26	0.23	0.20	0.17	0.14	0.12	0.11	0.09	0.07
TRC020	0.31	0.27	0.24	0.20	0.16	0.14	0.13	0.11	0.08
TRC025	0.39	0.34	0.30	0.25	0.20	0.18	0.16	0.14	0.10
TRC030	0.47	0.41	0.36	0.30	0.24	0.22	0.19	0.16	0.12
TRC040	0.62	0.54	0.48	0.40	0.32	0.29	0.25	0.22	0.16
TRC050	0.78	0.68	0.60	0.50	0.41	0.36	0.32	0.27	0.20
TRC065	1.01	0.88	0.77	0.65	0.53	0.47	0.41	0.35	0.26
TRC075	1.16	1.02	0.89	0.75	0.61	0.54	0.47	0.41	0.30
TRC090	1.40	1.22	1.07	0.90	0.73	0.65	0.57	0.49	0.36
TRC110	1.71	1.50	1.31	1.10	0.89	0.79	0.69	0.59	0.44
TRC135	2.09	1.84	1.61	1.35	1.09	0.97	0.85	0.73	0.54
TRC160	2.48	2.18	1.90	1.60	1.30	1.15	1.01	0.86	0.64
TRC185	2.87	2.52	2.20	1.85	1.50	1.33	1.17	1.00	0.74
TRC250	3.88	3.40	2.98	2.50	2.03	1.80	1.58	1.35	1.00
TRC300	4.65	4.08	3.57	3.00	2.43	2.16	1.89	1.62	1.20
TRC375	5.81	5.10	4.46	3.75	3.04	2.70	2.36	2.03	1.50
TRC500	7.75	6.80	5.95	5.00	4.05	3.60	3.15	2.71	2.00

#### 动作电流时间曲线表：

- A=TRC005
- B=TRC010
- C=TRC017
- D=TRC020
- E=TRC025
- F=TRC030
- G=TRC040
- H=TRC050
- I=TRC065
- J=TRC075
- K=TRC090
- L=TRC110
- M=TRC135
- N=TRC160
- O=TRC185
- P=TRC250
- Q=TRC300
- R=TRC375



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## TRC(60/72V) Series

### 标准包装数量 :

Model	Q'ty/bag
TRC005-TRC090	1000pcs
TRC110-TRC185	500pcs
TRC250-TRC500	200pcs

Tape and Reel Specifications

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Devices taped using EIA468 - B/IEC286-2 standards.

### 6、Agency Recognition:



Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame. Specifications are subject to change without notice.