

## SPECIFICATION FOR APPROVAL

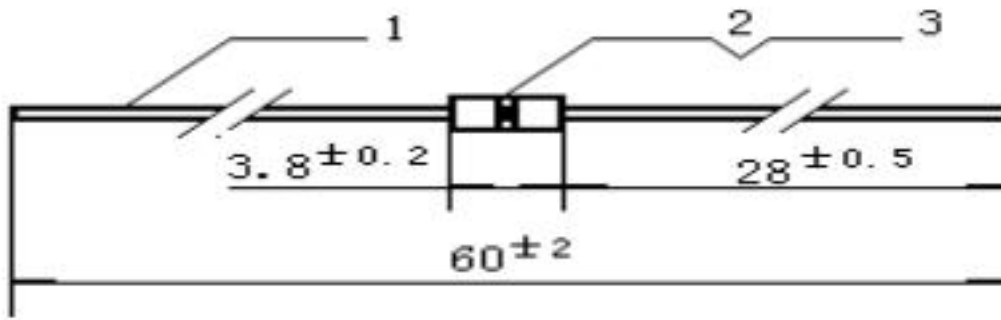
### 承认书

客户名称 (CUSTOMER) : \_\_\_\_\_  
产品名称 (PRODUCT ITEM) : Silicon PTC Thermistor  
客户料号 (CUSTOMER PART NO) : \_\_\_\_\_  
规格型号 (PART NO) : **TR-KTY84-150**  
文件编号 (FILE NO) : \_\_\_\_\_  
编制日期 (DATE) : \_\_\_\_\_

客户确认 (CUSTOMER CONFIRM)	批准 (APPROVE)	
	审核 (CHECK)	

1、Outline Dimension: (DO35 Standard size of glass package)

unit:mm



No.	Name	Spec
1	Dumes	Ferronickel Alloy
2	Chip	Silicon Chip
3	Glass Shell	OD $\Phi$ 2.0mm <sub>max</sub> ID $\Phi$ 0.8 $\pm$ 0.05mm

2.Electrical parameters

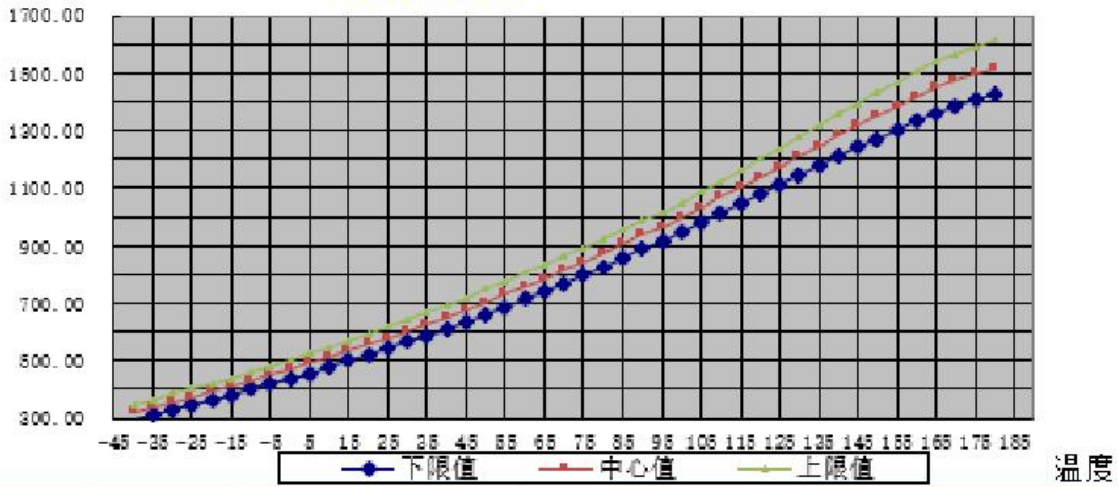
No.	Parameter	Symbol	Test Condition	Min.	Nor.	Max.	Unit
1	Resistance value at 25°C	R <sub>25</sub>	constant temperature 25 $\pm$ 0.05°C	540	580	620	$\Omega$
2	Resistance value at 100°C	R <sub>100</sub>	constant temperature 100 $\pm$ 0.05°C	950	1000	1050	$\Omega$
3	Dissipation factor	$\delta$	In still air	1.5	/	/	mW/°C
4	Thermal time constant	$\tau$	In still air	/	/	7	s
5	Insulation resistance	/	DC=100V	100	/	/	M $\Omega$
6	Max. Work Current	I <sub>max</sub>	/	/	/	8	mA
7	Rated Current	I <sub>N</sub>	/	/	2	/	mA
8	Rated Power	P <sub>max</sub>	/	/	/	50	mW
9	Operating temperature	T <sub>A</sub>	-40—+180°C				
10	Storage time	T <sub>min</sub>	2 years (room temperature, relative humidity <60%)				

**3.R-T Characteristic Parameter Table**

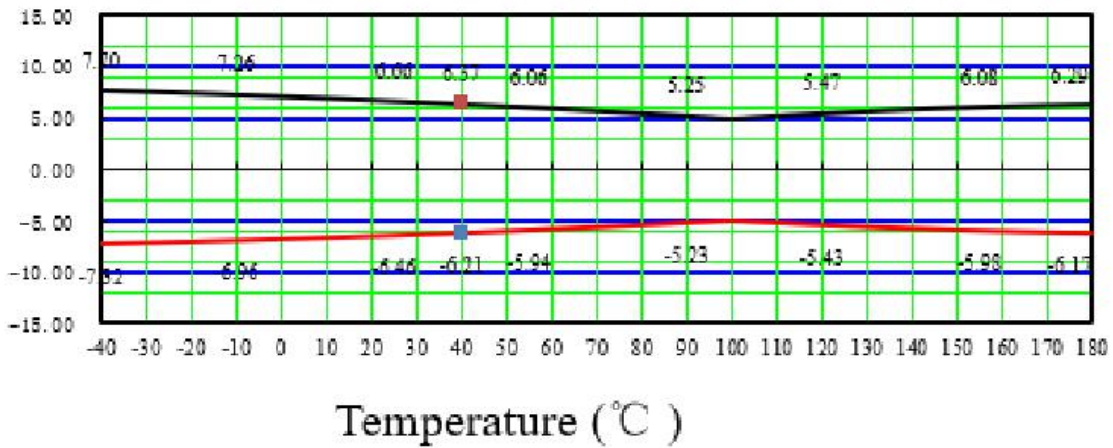
Celsius	Fahrenheit	KTY84-150				
		%/ (K)	(Ω)			(K)
MIN	TYP		MAX			
-40	-40	0.97	294	322	350	±8.85
-30	-22	0.96	326	356	386	±8.76
-20	-4	0.93	360	392	424	±8.7
-10	14	0.88	397	430	463	±8.65
0	32	0.87	434	469	504	±8.61
10	50	0.85	475	512	549	±8.58
20	68	0.82	517	556	595	±8.55
25	77	0.80	540	580	620	±8.54
30	86	0.80	562	603	644	±8.53
40	104	0.75	611	653	695	±8.5
50	122	0.74	660	704	748	±8.46
60	140	0.71	713	758	803	±8.42
70	158	0.67	768	814	860	±8.37
80	176	0.63	827	873	919	±8.31
90	194	0.62	887	935	983	±8.25
100	212	0.61	950	1000	1050	±8.17
110	230	0.62	1011	1068	1125	±8.66
120	248	0.58	1077	1138	1199	±9.17
130	266	0.57	1142	1209	1276	±9.69
140	284	0.54	1211	1282	1353	±10.24
150	302	0.53	1275	1352	1429	±10.8
160	320	0.52	1334	1418	1502	±11.37
170	338	0.51	1384	1474	1564	±11.96
180	356	0.50	1421	1516	1611	±12.58

阻值：欧姆

LPTC-84-150



阻值最大偏差 (%)



测温最大偏差 °C

