

规格：

1. MEMS 技术 TO46 封装
2. 高灵敏度
3. 高稳定性
4. 高精度 NTC 电阻

应用：

1. 非接触式温度测量
2. 耳温计、额温计
3. 产线温度持续监控
4. 消费电子产品
5. 家用电器温度监控

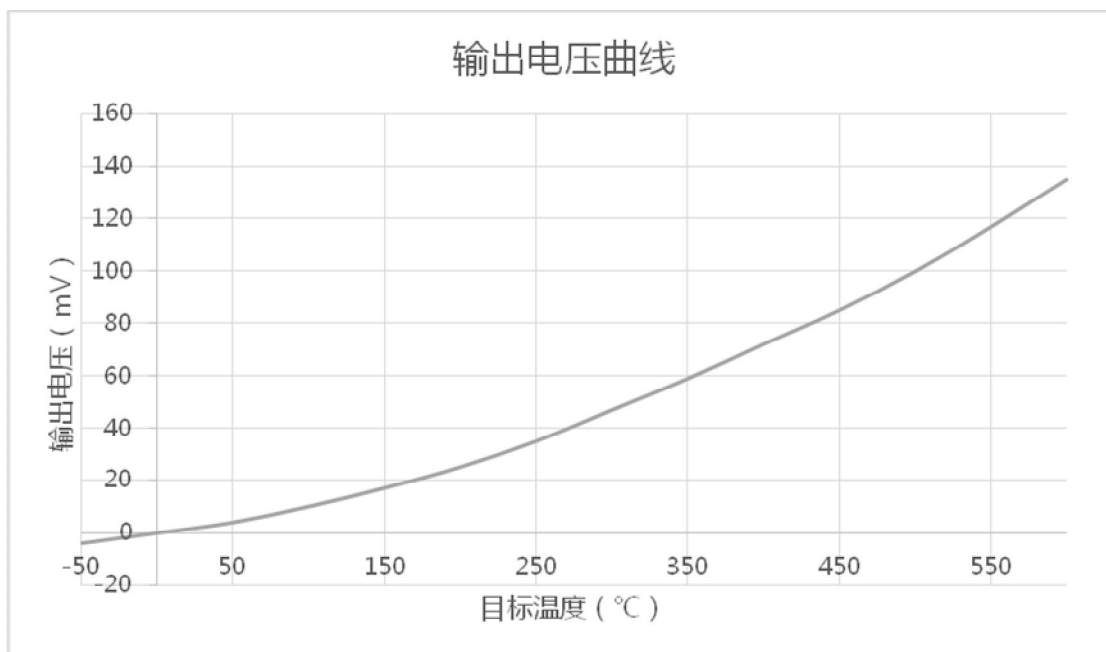


规格参数：

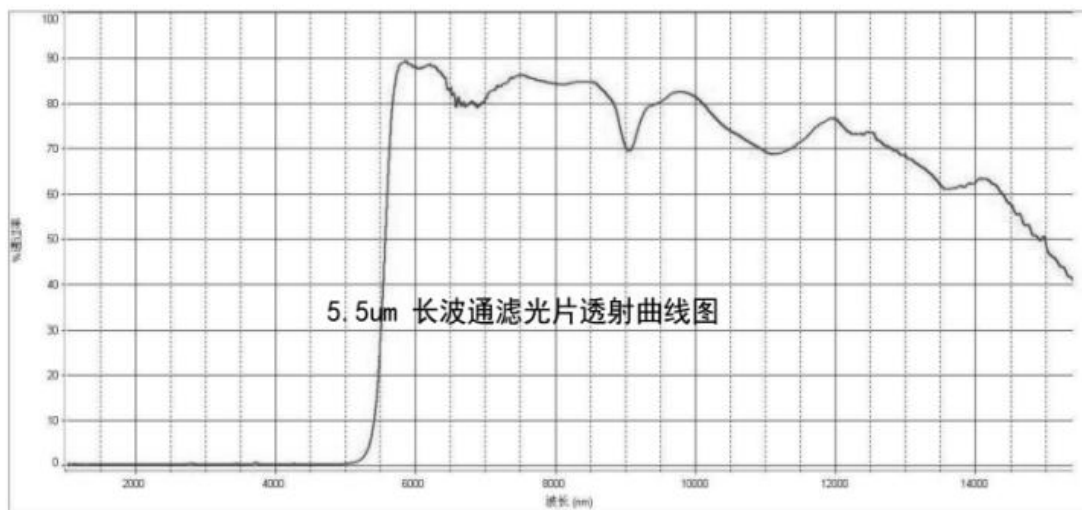
参数	典型值	单位	条件
输出电压	1.0±0.15	mV	To=37℃, Ta=25℃, ε=1
响应率	62	V/W	500K, 5.5-14um
电阻值	74±10	kΩ	-----
噪声电压	35	nV/Hz ^{1/2}	-----
噪声等效功率	0.56	nW/Hz ^{1/2}	500K, 5.5-14um
归一化探测率	1.79*10 ⁸	cm·Hz ^{1/2} /W	500K, 5.5-14um
时间常数	16	ms	63%最大响应
截止波长	5.5	um	50%透过率
视场角	90	度	50%归一化输出
NTC 电阻值	100±2%	kΩ	-----
β值	3950±0.5%	K	-----

特性曲线：

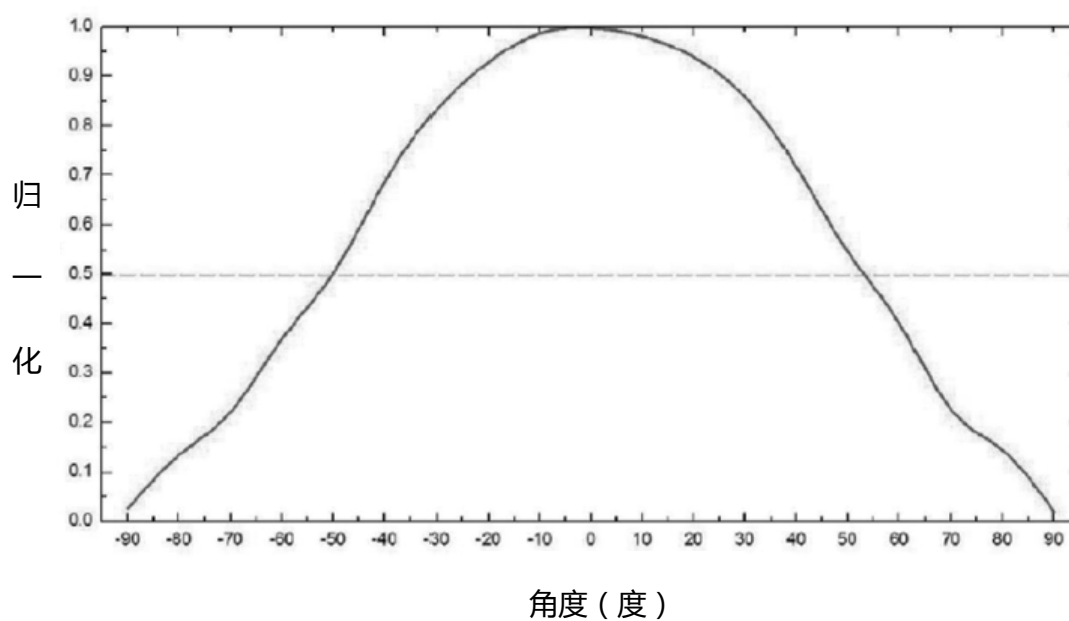
输出电压曲线



滤光片性能



视场角



NTC电阻随温度变化对应关系:

R25=100K Ω 精度:±2% B25/50=3950K 精度:±0.5%

温度 (°C)	电阻 (k Ω)			电阻精度 (%)	
	R _{min}	R _{nor}	R _{max}	— Δ R	— Δ R
-40.0	3124.55	3284.86	3452.61	-4.9%	5.1%
-39.0	2928.73	3076.98	3232.01	-4.8%	5.0%
-38.0	2746.44	2883.59	3026.91	-4.8%	5.0%
-37.0	2576.66	2703.59	2836.13	-4.7%	4.9%
-36.0	2418.45	2535.96	2658.58	-4.6%	4.8%
-35.0	2270.96	2379.79	2493.27	-4.6%	4.8%
-34.0	2133.38	2234.21	2339.27	-4.5%	4.7%
-33.0	2005.00	2098.45	2195.75	-4.5%	4.6%
-32.0	1885.15	1971.78	2061.92	-4.4%	4.6%
-31.0	1773.20	1853.54	1937.08	-4.3%	4.5%
-30.0	1668.59	1743.11	1820.56	-4.3%	4.4%
-29.0	1570.79	1639.95	1711.76	-4.2%	4.4%
-28.0	1479.32	1543.51	1610.13	-4.2%	4.3%
-27.0	1393.73	1453.34	1515.15	-4.1%	4.3%
-26.0	1313.61	1368.97	1426.34	-4.0%	4.2%
-25.0	1238.58	1290.01	1343.27	-4.0%	4.1%
-24.0	1168.28	1216.07	1265.54	-3.9%	4.1%
-23.0	1102.39	1146.81	1192.76	-3.9%	4.0%
-22.0	1040.60	1081.91	1124.60	-3.8%	3.9%
-21.0	982.64	1021.06	1060.74	-3.8%	3.9%
-20.0	928.25	963.99	1000.87	-3.7%	3.8%
-19.0	876.67	909.89	944.16	-3.7%	3.8%
-18.0	828.27	859.17	891.02	-3.6%	3.7%
-17.0	782.85	811.59	841.19	-3.5%	3.6%
-16.0	740.20	766.94	794.46	-3.5%	3.6%
-15.0	700.14	725.02	750.62	-3.4%	3.5%
-14.0	662.49	685.65	709.46	-3.4%	3.5%
-13.0	627.09	648.66	670.81	-3.3%	3.4%
-12.0	593.80	613.89	634.50	-3.3%	3.4%
-11.0	562.48	581.19	600.38	-3.2%	3.3%
-10.0	533.01	550.43	568.30	-3.2%	3.2%
-9.0	505.25	521.48	538.12	-3.1%	3.2%
-8.0	479.10	494.23	509.73	-3.1%	3.1%
-7.0	454.47	468.57	483.00	-3.0%	3.1%
-6.0	431.24	444.39	457.83	-3.0%	3.0%
-5.0	409.34	421.60	434.12	-2.9%	3.0%
-4.0	388.68	400.11	411.78	-2.9%	2.9%
-3.0	369.19	379.85	390.72	-2.8%	2.9%
-2.0	350.78	360.72	370.86	-2.8%	2.8%
-1.0	333.40	342.68	352.13	-2.7%	2.8%
0.0	316.99	325.63	334.44	-2.7%	2.7%
1.0	301.45	309.52	317.73	-2.6%	2.7%
2.0	286.77	294.30	301.96	-2.6%	2.6%
3.0	272.89	279.91	287.05	-2.5%	2.6%
4.0	259.76	266.32	272.97	-2.5%	2.5%
5.0	247.34	253.46	259.66	-2.4%	2.4%
6.0	235.59	241.29	247.08	-2.4%	2.4%
7.0	224.45	229.78	235.17	-2.3%	2.3%
8.0	213.91	218.88	223.91	-2.3%	2.3%
9.0	203.93	208.56	213.25	-2.2%	2.2%
10.0	194.46	198.78	203.16	-2.2%	2.2%

NTC电阻随温度变化对应关系:

R25=100KΩ 精度:±2% B25/50=3950K 精度:±0.5%

温度 (°C)	电阻 (kΩ)			电阻精度 (%)	
	R _{min}	R _{nor}	R _{max}	—ΔR	—ΔR
11.0	185.49	189.52	193.60	-2.1%	2.2%
12.0	176.98	180.74	184.54	-2.1%	2.1%
13.0	168.91	172.42	175.96	-2.0%	2.1%
14.0	161.25	164.52	167.83	-2.0%	2.0%
15.0	153.98	157.03	160.11	-1.9%	2.0%
16.0	147.08	149.93	152.79	-1.9%	1.9%
17.0	140.53	143.18	145.85	-1.9%	1.9%
18.0	134.30	136.77	139.26	-1.8%	1.8%
19.0	128.38	130.69	133.00	-1.8%	1.8%
20.0	122.76	124.91	127.06	-1.7%	1.7%
21.0	117.41	119.41	121.42	-1.7%	1.7%
22.0	112.33	114.19	116.05	-1.6%	1.6%
23.0	107.49	109.22	110.96	-1.6%	1.6%
24.0	102.88	104.50	106.11	-1.5%	1.5%
26.0	94.24	95.72	97.20	-1.5%	1.5%
27.0	90.20	91.65	93.10	-1.6%	1.6%
28.0	86.34	87.77	89.20	-1.6%	1.6%
29.0	82.67	84.08	85.49	-1.7%	1.7%
30.0	79.18	80.56	81.94	-1.7%	1.7%
31.0	75.85	77.20	78.56	-1.8%	1.8%
32.0	72.68	74.01	75.34	-1.8%	1.8%
33.0	69.65	70.96	72.27	-1.8%	1.8%
34.0	66.77	68.05	69.34	-1.9%	1.9%
35.0	64.02	65.28	66.54	-1.9%	1.9%
36.0	61.40	62.63	63.87	-2.0%	2.0%
37.0	58.90	60.10	61.32	-2.0%	2.0%
38.0	56.52	57.69	58.88	-2.0%	2.1%
39.0	54.24	55.39	56.56	-2.1%	2.1%
40.0	52.06	53.19	54.33	-2.1%	2.1%
41.0	49.99	51.09	52.21	-2.2%	2.2%
42.0	48.00	49.08	50.18	-2.2%	2.2%
43.0	46.11	47.17	48.23	-2.2%	2.3%
44.0	44.30	45.33	46.38	-2.3%	2.3%
45.0	42.57	43.58	44.60	-2.3%	2.3%
46.0	40.91	41.90	42.90	-2.4%	2.4%
47.0	39.33	40.29	41.27	-2.4%	2.4%
48.0	37.82	38.76	39.71	-2.4%	2.5%
49.0	36.37	37.29	38.22	-2.5%	2.5%
50.0	34.98	35.88	36.80	-2.5%	2.5%
51.0	33.66	34.54	35.43	-2.5%	2.6%
52.0	32.40	33.25	34.13	-2.6%	2.6%
53.0	31.19	32.02	32.88	-2.6%	2.7%
54.0	30.03	30.84	31.68	-2.7%	2.7%
55.0	28.92	29.71	30.53	-2.7%	2.7%
56.0	27.85	28.63	29.43	-2.7%	2.8%
57.0	26.83	27.59	28.37	-2.8%	2.8%
58.0	25.85	26.60	27.36	-2.8%	2.9%
59.0	24.92	25.64	26.38	-2.8%	2.9%
60.0	24.02	24.73	25.45	-2.9%	2.9%

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R25=100KΩ 精度:±2% B25/50=3950K 精度:±0.5%

温度 (°C)	电阻 (kΩ)			电阻精度 (%)	
	R _{min}	R _{nor}	R _{max}	—ΔR	—ΔR
61.0	23.16	23.85	24.56	-2.9%	3.0%
62.0	22.33	23.01	23.70	-2.9%	3.0%
63.0	21.54	22.20	22.87	-3.0%	3.0%
64.0	20.78	21.42	22.08	-3.0%	3.1%
65.0	20.04	20.67	21.32	-3.0%	3.1%
66.0	19.34	19.96	20.59	-3.1%	3.1%
67.0	18.67	19.27	19.88	-3.1%	3.2%
68.0	18.02	18.61	19.21	-3.1%	3.2%
69.0	17.40	17.97	18.56	-3.2%	3.3%
70.0	16.80	17.36	17.93	-3.2%	3.3%
71.0	16.23	16.77	17.33	-3.2%	3.3%
72.0	15.68	16.21	16.76	-3.3%	3.4%
73.0	15.15	15.67	16.20	-3.3%	3.4%
74.0	14.64	15.14	15.66	-3.3%	3.4%
75.0	14.15	14.64	15.15	-3.4%	3.5%
76.0	13.68	14.16	14.66	-3.4%	3.5%
77.0	13.22	13.69	14.18	-3.4%	3.5%
78.0	12.79	13.25	13.72	-3.5%	3.6%
79.0	12.37	12.82	13.28	-3.5%	3.6%
80.0	11.96	12.40	12.85	-3.5%	3.6%
81.0	11.57	12.00	12.44	-3.6%	3.7%
82.0	11.20	11.62	12.05	-3.6%	3.7%
83.0	10.84	11.25	11.67	-3.6%	3.7%
84.0	10.49	10.89	11.30	-3.7%	3.8%
85.0	10.16	10.55	10.95	-3.7%	3.8%
86.0	9.84	10.22	10.61	-3.7%	3.8%
87.0	9.53	9.90	10.28	-3.8%	3.9%
88.0	9.23	9.59	9.97	-3.8%	3.9%
89.0	8.94	9.29	9.66	-3.8%	3.9%
90.0	8.66	9.01	9.37	-3.8%	4.0%
91.0	8.39	8.73	9.08	-3.9%	4.0%
92.0	8.14	8.47	8.81	-3.9%	4.0%
93.0	7.89	8.21	8.54	-3.9%	4.1%
94.0	7.65	7.96	8.29	-4.0%	4.1%
95.0	7.41	7.72	8.04	-4.0%	4.1%
96.0	7.19	7.49	7.80	-4.0%	4.2%
97.0	6.97	7.27	7.57	-4.0%	4.2%
98.0	6.76	7.05	7.35	-4.1%	4.2%
99.0	6.56	6.84	7.13	-4.1%	4.3%
100.0	6.37	6.64	6.93	-4.1%	4.3%
101.0	6.18	6.45	6.73	-4.2%	4.3%
102.0	6.00	6.26	6.53	-4.2%	4.4%
103.0	5.82	6.08	6.34	-4.2%	4.4%
104.0	5.65	5.90	6.16	-4.2%	4.4%
105.0	5.49	5.73	5.99	-4.3%	4.4%
106.0	5.33	5.57	5.82	-4.3%	4.5%
107.0	5.18	5.41	5.65	-4.3%	4.5%
108.0	5.03	5.26	5.49	-4.4%	4.5%
109.0	4.88	5.11	5.34	-4.4%	4.6%
110.0	4.75	4.96	5.19	-4.4%	4.6%
111.0	4.61	4.83	5.05	-4.4%	4.6%
112.0	4.48	4.69	4.91	-4.5%	4.7%
113.0	4.36	4.56	4.77	-4.5%	4.7%
114.0	4.23	4.43	4.64	-4.5%	4.7%
115.0	4.12	4.31	4.52	-4.5%	4.7%
116.0	4.00	4.19	4.39	-4.6%	4.8%
117.0	3.89	4.08	4.28	-4.6%	4.8%
118.0	3.78	3.97	4.16	-4.6%	4.8%
119.0	3.68	3.86	4.05	-4.7%	4.9%
120.0	3.58	3.76	3.94	-4.7%	4.9%
121.0	3.48	3.66	3.84	-4.7%	4.9%
122.0	3.39	3.56	3.73	-4.7%	4.9%
123.0	3.30	3.46	3.64	-4.8%	5.0%
124.0	3.21	3.37	3.54	-4.8%	5.0%
125.0	3.13	3.28	3.45	-4.8%	5.0%

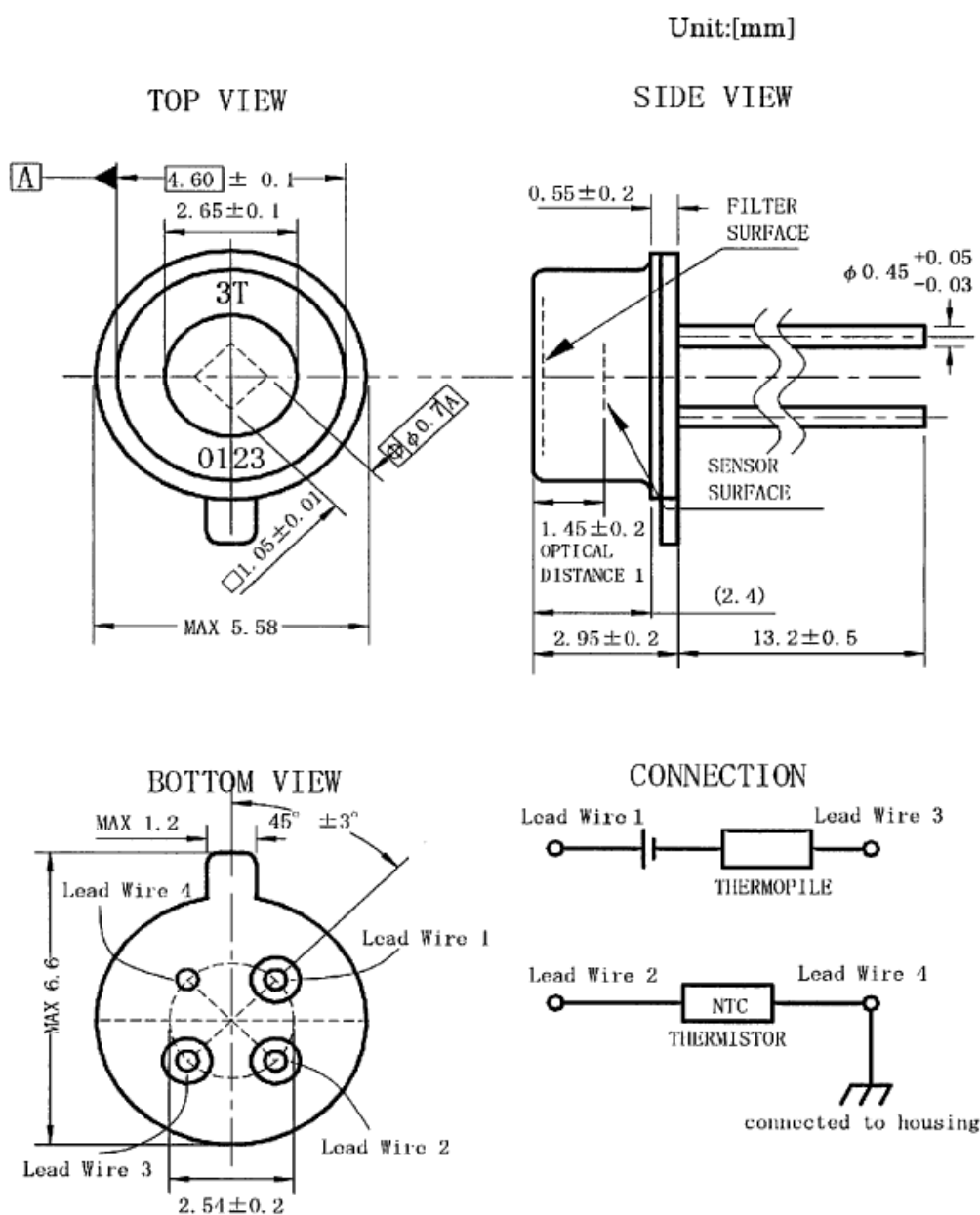
电压输出表

V-T Table 发射率 $\epsilon=1.0$		NTC Temperature(°C)	V-T Table 发射率 $\epsilon=1.0$		NTC Temperature(°C)	V-T Table 发射率 $\epsilon=1.0$		NTC Temperature(°C)	V-T Table 发射率 $\epsilon=1.0$		NTC Temperature(°C)
		25			25			25			25
JJR410 output voltage (mV)	25	0	JJR410 output voltage (mV)	31.3	0.51200415	JJR410 output voltage (mV)	37.6	1.052739323	JJR410 output voltage (mV)	43.9	1.622298892
	25.1	0.007903305		31.4	0.520362537		37.7	1.06155463		44	1.63157224
	25.2	0.015813815		31.5	0.528728164		37.8	1.070377201		44.1	1.640852865
	25.3	0.023731531		31.6	0.537101032		37.9	1.079207036		44.2	1.650140766
	25.4	0.031656453		31.7	0.545481141		38	1.088044134		44.3	1.659435943
	25.5	0.039588583		31.8	0.553868492		38.1	1.096888497		44.4	1.668738395
	25.6	0.047527921		31.9	0.562263085		38.2	1.105740125		44.5	1.678048125
	25.7	0.055474467		32	0.57066492		38.3	1.114599018		44.6	1.68736513
	25.8	0.063428222		32.1	0.579073999		38.4	1.123465176		44.7	1.696689412
	25.9	0.071389188		32.2	0.587490321		38.5	1.132338599		44.8	1.70602097
	26	0.079357363		32.3	0.595913887		38.6	1.141219288		44.9	1.715359805
	26.1	0.08733275		32.4	0.604344697		38.7	1.150107244		45	1.724705917
	26.2	0.095315348		32.5	0.612782752		38.8	1.159002465		45.1	1.734059306
	26.3	0.103305159		32.6	0.621228052		38.9	1.167904953		45.2	1.743419971
	26.4	0.111302183		32.7	0.629680598		39	1.176814708		45.3	1.752787914
	26.5	0.11930642		32.8	0.638140389		39.1	1.185731729		45.4	1.762163133
	26.6	0.127317871		32.9	0.646607428		39.2	1.194656018		45.5	1.77154563
	26.7	0.135336537		33	0.655081713		39.3	1.203587574		45.6	1.780935404
	26.8	0.143362418		33.1	0.663563245		39.4	1.212526399		45.7	1.790332455
	26.9	0.151395515		33.2	0.672052025		39.5	1.221472491		45.8	1.799736783
	27	0.159435829		33.3	0.680548053		39.6	1.230425851		45.9	1.809148389
	27.1	0.16748336		33.4	0.68905133		39.7	1.239386479		46	1.818567272
	27.2	0.175538109		33.5	0.697561856		39.8	1.248354377		46.1	1.827993433
	27.3	0.183600076		33.6	0.706079631		39.9	1.257329543		46.2	1.837426871
	27.4	0.191669262		33.7	0.714604655		40	1.266311978		46.3	1.846867587
	27.5	0.199745667		33.8	0.72313693		40.1	1.275301683		46.4	1.85631558
	27.6	0.207829292		33.9	0.731676455		40.2	1.284298657		46.5	1.865770852
	27.7	0.215920138		34	0.740223232		40.3	1.2933029		46.6	1.875233401
	27.8	0.224018206		34.1	0.748777259		40.4	1.302314414		46.7	1.884703228
	27.9	0.232123495		34.2	0.757338538		40.5	1.311333198		46.8	1.894180333
	28	0.240236006		34.3	0.76590707		40.6	1.320359252		46.9	1.903664715
	28.1	0.24835574		34.4	0.774482853		40.7	1.329392577		47	1.913156376
	28.2	0.256482698		34.5	0.78306589		40.8	1.338433173		47.1	1.922655314
	28.3	0.26461688		34.6	0.791656179		40.9	1.347481039		47.2	1.932161531
	28.4	0.272758286		34.7	0.800253722		41	1.356536177		47.3	1.941675025
	28.5	0.280906918		34.8	0.80885852		41.1	1.365598586		47.4	1.951195798
	28.6	0.289062775		34.9	0.817470571		41.2	1.374668266		47.5	1.960723849
	28.7	0.297225858		35	0.826089877		41.3	1.383745218		47.6	1.970259177
	28.8	0.305396169		35.1	0.834716438		41.4	1.392829442		47.7	1.979801784
	28.9	0.313573706		35.2	0.843350254		41.5	1.401920939		47.8	1.989351669
	29	0.321758471		35.3	0.851991326		41.6	1.411019707		47.9	1.998908833
	29.1	0.329950465		35.4	0.860639654		41.7	1.420125748		48	2.008473274
	29.2	0.338149688		35.5	0.869295239		41.8	1.429239061		48.1	2.018044993
	29.3	0.34635614		35.6	0.87795808		41.9	1.438359648		48.2	2.027623991
	29.4	0.354569822		35.7	0.886628178		42	1.447487507		48.3	2.037210267
	29.5	0.362790734		35.8	0.895305534		42.1	1.456622639		48.4	2.046803821
	29.6	0.371018878		35.9	0.903990147		42.2	1.465765044		48.5	2.056404653
	29.7	0.379254253		36	0.912682019		42.3	1.474914723		48.6	2.066012763
	29.8	0.38749686		36.1	0.921381149		42.4	1.484071676		48.7	2.075628152
	29.9	0.3957467		36.2	0.930087537		42.5	1.493235902		48.8	2.085250818
	30	0.404003772		36.3	0.938801185		42.6	1.502407402		48.9	2.094880763
	30.1	0.412268079		36.4	0.947522092		42.7	1.511586177		49	2.104517986
	30.2	0.420539619		36.5	0.956250259		42.8	1.520772225		49.1	2.114162487
	30.3	0.428818394		36.6	0.964985686		42.9	1.529965548		49.2	2.123814266
	30.4	0.437104404		36.7	0.973728373		43	1.539166145		49.3	2.133473323
	30.5	0.445397649		36.8	0.982478321		43.1	1.548374016		49.4	2.143139659
	30.6	0.45369813		36.9	0.99123553		43.2	1.557589163		49.5	2.152813272
	30.7	0.462005848		37	1		43.3	1.566811584		49.6	2.162494163
	30.8	0.470320803		37.1	1.008771732		43.4	1.576041281		49.7	2.172182332
	30.9	0.478642996		37.2	1.017550725		43.5	1.585278252		49.8	2.181877779
	31	0.486972426		37.3	1.026336981		43.6	1.594522499		49.9	2.191580504
	31.1	0.495309095		37.4	1.035130499		43.7	1.603774021		50	2.201290507
	31.2	0.503653003		37.5	1.043931279		43.8	1.613032818			

红外感应VT表格:

参见附录一：QXT880T1-V4 红外热电堆温度传感器VT表。

封装尺寸



附录一：QXT880T1-V4 红外热电堆温度传感器VT表

		Ambient Temperature (C)										
		0	1	5	10	15	20	25	30	35	40	45
Object Temperature (C)	0	0.000	-0.062	-0.315	-0.648	-0.998	-1.366	-1.752	-2.156	-2.578	-3.018	-3.477
	1	0.062	0.000	-0.253	-0.586	-0.936	-1.304	-1.690	-2.094	-2.516	-2.957	-3.415
	2	0.124	0.062	-0.191	-0.524	-0.874	-1.242	-1.628	-2.032	-2.454	-2.894	-3.353
	3	0.187	0.125	-0.128	-0.461	-0.811	-1.179	-1.565	-1.969	-2.391	-2.831	-3.290
	4	0.251	0.189	-0.064	-0.397	-0.747	-1.115	-1.501	-1.905	-2.327	-2.768	-3.226
	5	0.315	0.253	0.000	-0.333	-0.683	-1.051	-1.437	-1.841	-2.263	-2.703	-3.162
	6	0.380	0.319	0.065	-0.267	-0.618	-0.986	-1.372	-1.776	-2.198	-2.638	-3.097
	7	0.446	0.384	0.131	-0.202	-0.552	-0.920	-1.306	-1.710	-2.132	-2.572	-3.031
	8	0.513	0.451	0.197	-0.135	-0.485	-0.853	-1.239	-1.643	-2.066	-2.506	-2.964
	9	0.580	0.518	0.265	-0.068	-0.418	-0.786	-1.172	-1.576	-1.998	-2.439	-2.897
	10	0.648	0.586	0.333	0.000	-0.350	-0.718	-1.104	-1.508	-1.930	-2.371	-2.829
	11	0.716	0.655	0.401	0.069	-0.282	-0.650	-1.036	-1.440	-1.862	-2.302	-2.760
	12	0.786	0.724	0.471	0.138	-0.212	-0.580	-0.966	-1.370	-1.792	-2.233	-2.691
	13	0.856	0.794	0.541	0.208	-0.142	-0.510	-0.896	-1.300	-1.722	-2.163	-2.621
	14	0.926	0.865	0.611	0.279	-0.071	-0.440	-0.826	-1.230	-1.652	-2.092	-2.550
	15	0.998	0.936	0.683	0.350	0.000	-0.368	-0.754	-1.158	-1.580	-2.020	-2.479
	16	1.070	1.009	0.755	0.422	0.072	-0.296	-0.682	-1.086	-1.508	-1.948	-2.407
	17	1.143	1.081	0.828	0.495	0.145	-0.223	-0.609	-1.013	-1.435	-1.875	-2.334
	18	1.217	1.155	0.902	0.569	0.219	-0.149	-0.535	-0.939	-1.361	-1.802	-2.260
	19	1.291	1.229	0.976	0.643	0.293	-0.075	-0.461	-0.865	-1.287	-1.727	-2.186
	20	1.366	1.304	1.051	0.718	0.368	0.000	-0.386	-0.790	-1.212	-1.652	-2.111
	21	1.442	1.380	1.127	0.794	0.444	0.076	-0.310	-0.714	-1.136	-1.577	-2.035
	22	1.518	1.457	1.203	0.871	0.520	0.152	-0.234	-0.638	-1.060	-1.500	-1.958
	23	1.595	1.534	1.280	0.948	0.598	0.229	-0.157	-0.561	-0.983	-1.423	-1.881
	24	1.673	1.612	1.358	1.026	0.675	0.307	-0.079	-0.483	-0.905	-1.345	-1.803
	25	1.752	1.690	1.437	1.104	0.754	0.386	0.000	-0.404	-0.826	-1.266	-1.725
	26	1.831	1.770	1.516	1.184	0.833	0.465	0.079	-0.325	-0.747	-1.187	-1.645
	27	1.911	1.850	1.596	1.264	0.914	0.545	0.159	-0.245	-0.667	-1.107	-1.565
	28	1.992	1.931	1.677	1.345	0.994	0.626	0.240	-0.164	-0.586	-1.026	-1.484
	29	2.074	2.012	1.759	1.426	1.076	0.708	0.322	-0.082	-0.504	-0.945	-1.403
	30	2.156	2.094	1.841	1.508	1.158	0.790	0.404	0.000	-0.422	-0.862	-1.321
	31	2.239	2.177	1.924	1.591	1.241	0.873	0.487	0.083	-0.339	-0.779	-1.238
	32	2.323	2.261	2.008	1.675	1.325	0.957	0.571	0.167	-0.255	-0.696	-1.154
	33	2.407	2.345	2.092	1.759	1.409	1.041	0.655	0.251	-0.171	-0.611	-1.070
	34	2.492	2.431	2.177	1.845	1.494	1.126	0.740	0.336	-0.086	-0.526	-0.984
	35	2.578	2.516	2.263	1.930	1.580	1.212	0.826	0.422	0.000	-0.440	-0.899
	36	2.665	2.603	2.350	2.017	1.667	1.299	0.913	0.509	0.087	-0.354	-0.812
	37	2.752	2.690	2.437	2.104	1.754	1.386	1.000	0.596	0.174	-0.266	-0.725
	38	2.840	2.778	2.525	2.192	1.842	1.474	1.088	0.684	0.262	-0.178	-0.637
	39	2.929	2.867	2.614	2.281	1.931	1.563	1.177	0.773	0.351	-0.089	-0.548
	40	3.018	2.957	2.703	2.371	2.020	1.652	1.266	0.862	0.440	0.000	-0.458
	41	3.109	3.047	2.793	2.461	2.111	1.743	1.357	0.953	0.530	0.090	-0.368
	42	3.200	3.138	2.884	2.552	2.202	1.833	1.447	1.043	0.621	0.181	-0.277
	43	3.291	3.230	2.976	2.644	2.293	1.925	1.539	1.135	0.713	0.273	-0.186
	44	3.384	3.322	3.069	2.736	2.386	2.018	1.632	1.228	0.805	0.365	-0.093
	45	3.477	3.415	3.162	2.829	2.479	2.111	1.725	1.321	0.899	0.458	0.000
	46	3.571	3.509	3.256	2.923	2.573	2.205	1.819	1.415	0.992	0.552	0.094
	47	3.665	3.604	3.350	3.017	2.667	2.299	1.913	1.509	1.087	0.647	0.188
	48	3.760	3.699	3.445	3.113	2.763	2.394	2.008	1.604	1.182	0.742	0.284
	49	3.857	3.795	3.541	3.209	2.859	2.491	2.105	1.701	1.278	0.838	0.380
	50	3.953	3.892	3.638	3.306	2.955	2.587	2.201	1.797	1.375	0.935	0.477

附录一：QXT880T1-V4 红外热电堆温度传感器VT表

		Ambient Temperature (C)										
		0	1	5	10	15	20	25	30	35	40	45
Object Temperature (C)	51	4.051	3.989	3.736	3.403	3.053	2.685	2.299	1.895	1.473	1.032	0.574
	52	4.149	4.087	3.834	3.501	3.151	2.783	2.397	1.993	1.571	1.131	0.672
	53	4.248	4.186	3.933	3.600	3.250	2.882	2.496	2.092	1.670	1.230	0.771
	54	4.348	4.286	4.033	3.700	3.350	2.982	2.596	2.192	1.770	1.329	0.871
	55	4.448	4.386	4.133	3.800	3.450	3.082	2.696	2.292	1.870	1.430	0.971
	56	4.549	4.488	4.234	3.902	3.551	3.183	2.797	2.393	1.971	1.531	1.073
	57	4.651	4.589	4.336	4.003	3.653	3.285	2.899	2.495	2.073	1.633	1.174
	58	4.754	4.692	4.439	4.106	3.756	3.388	3.002	2.598	2.176	1.735	1.277
	59	4.857	4.795	4.542	4.209	3.859	3.491	3.105	2.701	2.279	1.839	1.380
	60	4.961	4.899	4.646	4.313	3.963	3.595	3.209	2.805	2.383	1.943	1.484
	61	5.066	5.004	4.751	4.418	4.068	3.700	3.314	2.910	2.488	2.047	1.589
	62	5.171	5.110	4.856	4.524	4.173	3.805	3.419	3.015	2.593	2.153	1.695
	63	5.278	5.216	4.962	4.630	4.280	3.912	3.526	3.122	2.699	2.259	1.801
	64	5.384	5.323	5.069	4.737	4.387	4.018	3.632	3.228	2.806	2.366	1.908
	65	5.492	5.431	5.177	4.844	4.494	4.126	3.740	3.336	2.914	2.474	2.015
	66	5.601	5.539	5.285	4.953	4.603	4.235	3.849	3.445	3.022	2.582	2.124
	67	5.710	5.648	5.395	5.062	4.712	4.344	3.958	3.554	3.132	2.691	2.233
	68	5.820	5.758	5.504	5.172	4.822	4.453	4.068	3.663	3.241	2.801	2.343
	69	5.930	5.868	5.615	5.282	4.932	4.564	4.178	3.774	3.352	2.912	2.453
	70	6.041	5.980	5.726	5.394	5.043	4.675	4.289	3.885	3.463	3.023	2.565
	71	6.153	6.092	5.838	5.506	5.155	4.787	4.401	3.997	3.575	3.135	2.677
	72	6.266	6.204	5.951	5.618	5.268	4.900	4.514	4.110	3.688	3.248	2.789
	73	6.380	6.318	6.064	5.732	5.382	5.014	4.628	4.224	3.801	3.361	2.903
	74	6.494	6.432	6.179	5.846	5.496	5.128	4.742	4.338	3.916	3.475	3.017
	75	6.609	6.547	6.294	5.961	5.611	5.243	4.857	4.453	4.031	3.590	3.132
	76	6.724	6.663	6.409	6.077	5.726	5.358	4.972	4.568	4.146	3.706	3.248
	77	6.841	6.779	6.526	6.193	5.843	5.475	5.089	4.685	4.262	3.822	3.364
	78	6.958	6.896	6.643	6.310	5.960	5.592	5.206	4.802	4.380	3.939	3.481
	79	7.075	7.014	6.760	6.428	6.077	5.709	5.323	4.919	4.497	4.057	3.599
	80	7.194	7.132	6.879	6.546	6.196	5.828	5.442	5.038	4.616	4.176	3.717
	81	7.313	7.251	6.998	6.665	6.315	5.947	5.561	5.157	4.735	4.295	3.836
	82	7.433	7.371	7.118	6.785	6.435	6.067	5.681	5.277	4.855	4.415	3.956
	83	7.554	7.492	7.239	6.906	6.556	6.188	5.802	5.398	4.976	4.535	4.077
	84	7.675	7.613	7.360	7.027	6.677	6.309	5.923	5.519	5.097	4.657	4.198
	85	7.797	7.735	7.482	7.149	6.799	6.431	6.045	5.641	5.219	4.779	4.320
	86	7.920	7.858	7.605	7.272	6.922	6.554	6.168	5.764	5.342	4.902	4.443
	87	8.043	7.982	7.728	7.396	7.045	6.677	6.291	5.887	5.465	5.025	4.567
	88	8.168	8.106	7.852	7.520	7.170	6.802	6.416	6.012	5.589	5.149	4.691
	89	8.292	8.231	7.977	7.645	7.295	6.926	6.540	6.136	5.714	5.274	4.816
	90	8.418	8.356	8.103	7.770	7.420	7.052	6.666	6.262	5.840	5.400	4.941
	91	8.544	8.483	8.229	7.897	7.546	7.178	6.792	6.388	5.966	5.526	5.068
	92	8.671	8.610	8.356	8.024	7.674	7.305	6.919	6.515	6.093	5.653	5.195
	93	8.799	8.738	8.484	8.152	7.801	7.433	7.047	6.643	6.221	5.781	5.322
	94	8.928	8.866	8.613	8.280	7.930	7.562	7.176	6.772	6.350	5.909	5.451
	95	9.057	8.995	8.742	8.409	8.059	7.691	7.305	6.901	6.479	6.038	5.580
	96	9.187	9.125	8.872	8.539	8.189	7.821	7.435	7.031	6.609	6.168	5.710
	97	9.317	9.256	9.002	8.670	8.319	7.951	7.565	7.161	6.739	6.299	5.840
	98	9.448	9.387	9.133	8.801	8.451	8.082	7.696	7.292	6.870	6.430	5.972
	99	9.580	9.519	9.265	8.933	8.583	8.214	7.828	7.424	7.002	6.562	6.104
	100	9.713	9.651	9.398	9.065	8.715	8.347	7.961	7.557	7.135	6.695	6.236

附录一：QXT880T1-V4 红外热电堆温度传感器VT表

		Ambient Temperature (C)										
		50	55	60	65	70	75	80	85	90	95	100
Object Temperature (C)	0	-3.953	-4.448	-4.961	-5.492	-6.041	-6.609	-7.194	-7.797	-8.418	-9.057	-9.713
	1	-3.892	-4.386	-4.899	-5.431	-5.980	-6.547	-7.132	-7.735	-8.356	-8.995	-9.651
	2	-3.829	-4.324	-4.837	-5.368	-5.917	-6.485	-7.070	-7.673	-8.294	-8.933	-9.589
	3	-3.766	-4.261	-4.774	-5.305	-5.854	-6.422	-7.007	-7.610	-8.231	-8.870	-9.526
	4	-3.703	-4.197	-4.710	-5.241	-5.791	-6.358	-6.943	-7.546	-8.167	-8.806	-9.462
	5	-3.638	-4.133	-4.646	-5.177	-5.726	-6.294	-6.879	-7.482	-8.103	-8.742	-9.398
	6	-3.573	-4.068	-4.581	-5.112	-5.661	-6.228	-6.814	-7.417	-8.038	-8.677	-9.333
	7	-3.507	-4.002	-4.515	-5.046	-5.595	-6.163	-6.748	-7.351	-7.972	-8.611	-9.267
	8	-3.441	-3.936	-4.449	-4.980	-5.529	-6.096	-6.681	-7.285	-7.906	-8.544	-9.201
	9	-3.374	-3.868	-4.381	-4.912	-5.462	-6.029	-6.614	-7.217	-7.838	-8.477	-9.133
	10	-3.306	-3.800	-4.313	-4.844	-5.394	-5.961	-6.546	-7.149	-7.770	-8.409	-9.065
	11	-3.237	-3.732	-4.245	-4.776	-5.325	-5.892	-6.478	-7.081	-7.702	-8.340	-8.997
	12	-3.168	-3.662	-4.175	-4.706	-5.256	-5.823	-6.408	-7.011	-7.632	-8.271	-8.927
	13	-3.098	-3.592	-4.105	-4.636	-5.186	-5.753	-6.338	-6.941	-7.562	-8.201	-8.857
	14	-3.027	-3.522	-4.035	-4.566	-5.115	-5.682	-6.267	-6.871	-7.492	-8.130	-8.787
	15	-2.955	-3.450	-3.963	-4.494	-5.043	-5.611	-6.196	-6.799	-7.420	-8.059	-8.715
	16	-2.883	-3.378	-3.891	-4.422	-4.971	-5.539	-6.124	-6.727	-7.348	-7.987	-8.643
	17	-2.810	-3.305	-3.818	-4.349	-4.898	-5.466	-6.051	-6.654	-7.275	-7.914	-8.570
	18	-2.737	-3.231	-3.744	-4.276	-4.825	-5.392	-5.977	-6.580	-7.201	-7.840	-8.496
	19	-2.662	-3.157	-3.670	-4.201	-4.750	-5.318	-5.903	-6.506	-7.127	-7.766	-8.422
	20	-2.587	-3.082	-3.595	-4.126	-4.675	-5.243	-5.828	-6.431	-7.052	-7.691	-8.347
	21	-2.512	-3.006	-3.519	-4.050	-4.600	-5.167	-5.752	-6.355	-6.976	-7.615	-8.271
	22	-2.435	-2.930	-3.443	-3.974	-4.523	-5.090	-5.676	-6.279	-6.900	-7.539	-8.195
	23	-2.358	-2.853	-3.366	-3.897	-4.446	-5.013	-5.598	-6.202	-6.823	-7.461	-8.118
	24	-2.280	-2.775	-3.288	-3.819	-4.368	-4.935	-5.521	-6.124	-6.745	-7.383	-8.040
	25	-2.201	-2.696	-3.209	-3.740	-4.289	-4.857	-5.442	-6.045	-6.666	-7.305	-7.961
	26	-2.122	-2.617	-3.130	-3.661	-4.210	-4.777	-5.363	-5.966	-6.587	-7.225	-7.882
	27	-2.042	-2.537	-3.050	-3.581	-4.130	-4.697	-5.282	-5.886	-6.507	-7.145	-7.802
	28	-1.961	-2.456	-2.969	-3.500	-4.049	-4.616	-5.202	-5.805	-6.426	-7.065	-7.721
	29	-1.880	-2.374	-2.887	-3.418	-3.968	-4.535	-5.120	-5.723	-6.344	-6.983	-7.639
	30	-1.797	-2.292	-2.805	-3.336	-3.885	-4.453	-5.038	-5.641	-6.262	-6.901	-7.557
	31	-1.714	-2.209	-2.722	-3.253	-3.802	-4.370	-4.955	-5.558	-6.179	-6.818	-7.474
	32	-1.631	-2.125	-2.638	-3.169	-3.719	-4.286	-4.871	-5.474	-6.095	-6.734	-7.390
	33	-1.546	-2.041	-2.554	-3.085	-3.634	-4.202	-4.787	-5.390	-6.011	-6.650	-7.306
	34	-1.461	-1.956	-2.469	-3.000	-3.549	-4.116	-4.702	-5.305	-5.926	-6.565	-7.221
	35	-1.375	-1.870	-2.383	-2.914	-3.463	-4.031	-4.616	-5.219	-5.840	-6.479	-7.135
	36	-1.289	-1.783	-2.296	-2.827	-3.377	-3.944	-4.529	-5.132	-5.753	-6.392	-7.048
	37	-1.201	-1.696	-2.209	-2.740	-3.289	-3.857	-4.442	-5.045	-5.666	-6.305	-6.961
	38	-1.113	-1.608	-2.121	-2.652	-3.201	-3.769	-4.354	-4.957	-5.578	-6.217	-6.873
	39	-1.024	-1.519	-2.032	-2.563	-3.113	-3.680	-4.265	-4.868	-5.489	-6.128	-6.784
	40	-0.935	-1.430	-1.943	-2.474	-3.023	-3.590	-4.176	-4.779	-5.400	-6.038	-6.695
	41	-0.845	-1.340	-1.852	-2.384	-2.933	-3.500	-4.085	-4.689	-5.310	-5.948	-6.605
	42	-0.754	-1.249	-1.762	-2.293	-2.842	-3.409	-3.994	-4.598	-5.219	-5.857	-6.514
	43	-0.662	-1.157	-1.670	-2.201	-2.750	-3.317	-3.903	-4.506	-5.127	-5.766	-6.422
	44	-0.570	-1.064	-1.577	-2.109	-2.658	-3.225	-3.810	-4.414	-5.035	-5.673	-6.330
	45	-0.477	-0.971	-1.484	-2.015	-2.565	-3.132	-3.717	-4.320	-4.941	-5.580	-6.236
	46	-0.383	-0.878	-1.390	-1.922	-2.471	-3.038	-3.623	-4.227	-4.848	-5.486	-6.143
	47	-0.288	-0.783	-1.296	-1.827	-2.376	-2.943	-3.529	-4.132	-4.753	-5.392	-6.048
	48	-0.193	-0.688	-1.201	-1.732	-2.281	-2.848	-3.433	-4.037	-4.658	-5.296	-5.953
	49	-0.097	-0.592	-1.105	-1.636	-2.185	-2.752	-3.337	-3.941	-4.562	-5.200	-5.857
	50	0.000	-0.495	-1.008	-1.539	-2.088	-2.655	-3.241	-3.844	-4.465	-5.103	-5.760

附录一：QXT880T1-V4 红外热电堆温度传感器VT表

		Ambient Temperature (C)										
		50	55	60	65	70	75	80	85	90	95	100
Object Temperature (C)	51	0.098	-0.397	-0.910	-1.441	-1.991	-2.558	-3.143	-3.746	-4.367	-5.006	-5.662
	52	0.196	-0.299	-0.812	-1.343	-1.892	-2.460	-3.045	-3.648	-4.269	-4.908	-5.564
	53	0.295	-0.200	-0.713	-1.244	-1.793	-2.361	-2.946	-3.549	-4.170	-4.809	-5.465
	54	0.394	-0.100	-0.613	-1.144	-1.694	-2.261	-2.846	-3.449	-4.070	-4.709	-5.365
	55	0.495	0.000	-0.513	-1.044	-1.593	-2.161	-2.746	-3.349	-3.970	-4.609	-5.265
	56	0.596	0.101	-0.412	-0.943	-1.492	-2.059	-2.645	-3.248	-3.869	-4.508	-5.164
	57	0.698	0.203	-0.310	-0.841	-1.390	-1.958	-2.543	-3.146	-3.767	-4.406	-5.062
	58	0.800	0.306	-0.207	-0.738	-1.288	-1.855	-2.440	-3.043	-3.664	-4.303	-4.959
	59	0.904	0.409	-0.104	-0.635	-1.184	-1.752	-2.337	-2.940	-3.561	-4.200	-4.856
	60	1.008	0.513	0.000	-0.531	-1.080	-1.648	-2.233	-2.836	-3.457	-4.096	-4.752
	61	1.113	0.618	0.105	-0.426	-0.976	-1.543	-2.128	-2.731	-3.352	-3.991	-4.647
	62	1.218	0.723	0.210	-0.321	-0.870	-1.437	-2.023	-2.626	-3.247	-3.885	-4.542
	63	1.324	0.829	0.316	-0.215	-0.764	-1.331	-1.916	-2.520	-3.141	-3.779	-4.436
	64	1.431	0.936	0.423	-0.108	-0.657	-1.224	-1.809	-2.413	-3.034	-3.672	-4.329
	65	1.539	1.044	0.531	0.000	-0.549	-1.116	-1.702	-2.305	-2.926	-3.565	-4.221
	66	1.647	1.152	0.640	0.108	-0.441	-1.008	-1.593	-2.197	-2.818	-3.456	-4.113
	67	1.756	1.262	0.749	0.218	-0.332	-0.899	-1.484	-2.087	-2.708	-3.347	-4.003
	68	1.866	1.371	0.858	0.327	-0.222	-0.789	-1.374	-1.978	-2.599	-3.237	-3.894
	69	1.977	1.482	0.969	0.438	-0.111	-0.679	-1.264	-1.867	-2.488	-3.127	-3.783
	70	2.088	1.593	1.080	0.549	0.000	-0.567	-1.153	-1.756	-2.377	-3.015	-3.672
	71	2.200	1.705	1.192	0.661	0.112	-0.455	-1.041	-1.644	-2.265	-2.903	-3.560
	72	2.313	1.818	1.305	0.774	0.225	-0.343	-0.928	-1.531	-2.152	-2.791	-3.447
	73	2.426	1.931	1.419	0.887	0.338	-0.229	-0.814	-1.418	-2.039	-2.677	-3.334
	74	2.540	2.046	1.533	1.002	0.452	-0.115	-0.700	-1.303	-1.924	-2.563	-3.219
	75	2.655	2.161	1.648	1.116	0.567	0.000	-0.585	-1.188	-1.809	-2.448	-3.104
	76	2.771	2.276	1.763	1.232	0.683	0.116	-0.470	-1.073	-1.694	-2.333	-2.989
	77	2.887	2.393	1.880	1.348	0.799	0.232	-0.353	-0.956	-1.577	-2.216	-2.873
	78	3.004	2.510	1.997	1.466	0.916	0.349	-0.236	-0.839	-1.460	-2.099	-2.755
	79	3.122	2.627	2.114	1.583	1.034	0.467	-0.118	-0.722	-1.343	-1.981	-2.638
	80	3.241	2.746	2.233	1.702	1.153	0.585	0.000	-0.603	-1.224	-1.863	-2.519
	81	3.360	2.865	2.352	1.821	1.272	0.704	0.119	-0.484	-1.105	-1.744	-2.400
	82	3.480	2.985	2.472	1.941	1.392	0.824	0.239	-0.364	-0.985	-1.624	-2.280
	83	3.600	3.106	2.593	2.062	1.512	0.945	0.360	-0.243	-0.864	-1.503	-2.159
	84	3.722	3.227	2.714	2.183	1.634	1.066	0.481	-0.122	-0.743	-1.382	-2.038
	85	3.844	3.349	2.836	2.305	1.756	1.188	0.603	0.000	-0.621	-1.260	-1.916
	86	3.967	3.472	2.959	2.428	1.878	1.311	0.726	0.123	-0.498	-1.137	-1.793
	87	4.090	3.595	3.082	2.551	2.002	1.435	0.849	0.246	-0.375	-1.013	-1.670
	88	4.214	3.719	3.207	2.675	2.126	1.559	0.974	0.370	-0.251	-0.889	-1.546
	89	4.339	3.844	3.331	2.800	2.251	1.684	1.099	0.495	-0.126	-0.764	-1.421
	90	4.465	3.970	3.457	2.926	2.377	1.809	1.224	0.621	0.000	-0.639	-1.295
	91	4.591	4.096	3.583	3.052	2.503	1.936	1.350	0.747	0.126	-0.512	-1.169
	92	4.718	4.223	3.710	3.179	2.630	2.063	1.478	0.874	0.253	-0.385	-1.042
	93	4.846	4.351	3.838	3.307	2.758	2.191	1.605	1.002	0.381	-0.258	-0.914
	94	4.974	4.480	3.967	3.435	2.886	2.319	1.734	1.131	0.510	-0.129	-0.785
	95	5.103	4.609	4.096	3.565	3.015	2.448	1.863	1.260	0.639	0.000	-0.656
	96	5.233	4.739	4.226	3.695	3.145	2.578	1.993	1.390	0.769	0.130	-0.526
	97	5.364	4.869	4.356	3.825	3.276	2.709	2.123	1.520	0.899	0.260	-0.396
	98	5.495	5.000	4.487	3.956	3.407	2.840	2.255	1.651	1.030	0.392	-0.265
	99	5.627	5.132	4.619	4.088	3.539	2.972	2.387	1.783	1.162	0.524	-0.133
	100	5.760	5.265	4.752	4.221	3.672	3.104	2.519	1.916	1.295	0.656	0.000

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