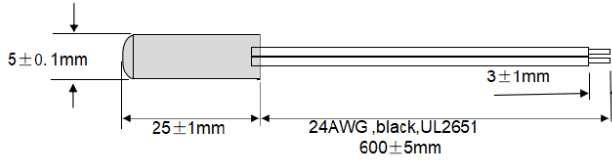


# Data Sheet

## Temperature Sensor



Voltage: 5VDC  
 Current: 2mA  
 Resistance value: 10000Ω  
 Operating Temperature: -30°C to 105°C

### R---T TABLE

R25°C=10KΩ±1%

B25°C/50°C=3950±1%

T	Rmax	Rnor	Rmin	T	Rmax	Rnor	Rmin
-30	180.6235	173.7550	167.1313	10	20.4099	20.0690	19.7316
-29	170.1216	163.6524	157.4138	11	19.4330	19.1084	18.7872
-28	160.3086	154.2126	148.3339	12	18.5101	18.2009	17.8949
-27	151.1346	145.3874	139.8451	13	17.6370	17.3423	17.0508
-26	142.5535	137.1326	131.9050	14	16.8107	16.5299	16.2521
-25	134.1102	129.4075	124.8569	15	15.9907	15.7608	15.5326
-24	126.5855	122.1467	117.8514	16	15.2592	15.0398	14.8221
-23	119.5450	115.3531	111.2967	17	14.5665	14.3570	14.1492
-22	112.9476	108.9870	105.1545	18	13.9097	13.7097	13.5113
-21	106.7624	103.0187	99.3960	19	13.2867	13.0957	12.9061
-20	100.6616	97.4205	94.2737	20	12.6665	12.5131	12.3603
-19	94.9824	91.9241	88.9548	21	12.1035	11.9569	11.8110
-18	89.6693	86.7821	83.9790	22	11.5697	11.4296	11.2900
-17	84.6915	81.9646	79.3170	23	11.0478	10.9288	10.8099
-16	80.0256	77.4489	74.9472	24	10.5623	10.4531	10.3440
-15	75.4340	73.2141	71.0527	25	10.1000	10.0000	9.9000
-14	71.3828	69.2822	67.2368	26	9.6753	9.5753	9.4753
-13	67.5816	65.5929	63.6564	27	9.2665	9.1707	9.0749
-12	64.0097	62.1261	60.2920	28	8.8852	8.7857	8.6865
-11	60.6517	58.8669	57.1290	29	8.5146	8.4192	8.3242
-10	57.3344	55.8015	54.3044	30	8.1688	8.0703	7.9724
-9	54.3033	52.8515	51.4336	31	7.8289	7.7345	7.6406
-8	51.4562	50.0805	48.7369	32	7.5055	7.4150	7.3250
-7	48.7782	47.4741	46.2005	33	7.1974	7.1107	7.0244
-6	46.2580	45.0213	43.8135	34	6.9039	6.8207	6.7379
-5	43.7676	42.7122	41.6779	35	6.6380	6.5443	6.4512
-4	41.5325	40.5310	39.5495	36	6.3651	6.2752	6.1859
-3	39.4289	38.4781	37.5463	37	6.1053	6.0191	5.9334
-2	37.4461	36.5432	35.6583	38	5.8576	5.7750	5.6928
-1	35.5766	34.7187	33.8780	39	5.6216	5.5422	5.4633
0	33.7253	32.9977	32.2826	40	5.4075	5.3202	5.2338
1	32.0184	31.3276	30.6487	41	5.1918	5.1080	5.0250
2	30.4109	29.7548	29.1100	42	4.9862	4.9057	4.8260

# Data Sheet

T	Rmax	Rnor	Rmin	T	Rmax	Rnor	Rmin
3	28.8949	28.2716	27.6588	43	4.7899	4.7126	4.6360
4	27.4647	26.8721	26.2897	44	4.6025	4.5282	4.4547
5	26.0490	25.5513	25.0606	45	4.4324	4.3522	4.2730
6	24.8025	24.3286	23.8614	46	4.2613	4.1841	4.1080
7	23.6251	23.1737	22.7286	47	4.0979	4.0237	3.9505
8	22.5114	22.0813	21.6572	48	3.9417	3.8704	3.8000
9	21.4575	21.0475	20.6433	49	3.7925	3.7238	3.6561
50	3.6566	3.5835	3.5115	90	0.9497	0.9180	0.8873
51	3.5248	3.4543	3.3849	91	0.9215	0.8907	0.8609
52	3.3985	3.3305	3.2636	92	0.8944	0.8645	0.8356
53	3.2774	3.2119	3.1473	93	0.8681	0.8391	0.8110
54	3.1614	3.0981	3.0359	94	0.8428	0.8146	0.7873
55	3.0559	2.9891	2.9236	95	0.8196	0.7910	0.7633
56	2.9448	2.8805	2.8174	96	0.7955	0.7678	0.7409
57	2.8386	2.7766	2.7157	97	0.7724	0.7455	0.7194
58	2.7368	2.6770	2.6183	98	0.7501	0.7239	0.6986
59	2.6392	2.5816	2.5250	99	0.7285	0.7031	0.6785
60	2.5504	2.4901	2.4310	100	0.7087	0.6830	0.6581
61	2.4613	2.4031	2.3461	101	0.6903	0.6653	0.6411
62	2.3759	2.3197	2.2647	102	0.6726	0.6482	0.6246
63	2.2939	2.2396	2.1865	103	0.6554	0.6316	0.6086
64	2.2153	2.1628	2.1115	104	0.6386	0.6155	0.5931
65	2.1434	2.0891	2.0359	105	0.6235	0.6000	0.5774
66	2.0677	2.0153	1.9640	106	0.6059	0.5831	0.5612
67	1.9951	1.9445	1.8950	107	0.5890	0.5668	0.5455
68	1.9255	1.8767	1.8289	108	0.5726	0.5510	0.5303
69	1.8587	1.8116	1.7655	109	0.5567	0.5357	0.5155
70	1.7977	1.7491	1.7015	110	0.5421	0.5210	0.5006
71	1.7381	1.6911	1.6452	111	0.5282	0.5076	0.4877
72	1.6810	1.6355	1.5911	112	0.5147	0.4946	0.4752
73	1.6260	1.5820	1.5390	113	0.5015	0.4820	0.4631
74	1.5731	1.5305	1.4890	114	0.4889	0.4698	0.4514
75	1.5248	1.4810	1.4383	115	0.4772	0.4580	0.4395
76	1.4752	1.4329	1.3916	116	0.4643	0.4456	0.4276
77	1.4276	1.3867	1.3467	117	0.4518	0.4336	0.4161
78	1.3818	1.3421	1.3034	118	0.4397	0.4220	0.4050
79	1.3376	1.2993	1.2618	119	0.4280	0.4108	0.3942
80	1.2973	1.2580	1.2198	120	0.4173	0.4000	0.3833
81	1.2559	1.2180	1.1809				
82	1.2162	1.1794	1.1435				
83	1.1779	1.1423	1.1075				
84	1.1410	1.1065	1.0729				
85	1.1073	1.0720	1.0377				
86	1.0730	1.0389	1.0057				
87	1.0401	1.0070	0.9748				
88	1.0083	0.9762	0.9450				
89	0.9777	0.9466	0.9163				