



Resistance & Temperature Table

$R_{25}=98.63K\Omega\pm 1\%$ $B_{25/85}=4066K\pm 1\%$

Temp (°C)	Rmin (KΩ)	Rcent (KΩ)	Rmax (KΩ)	DR (%)	DT (°C)
-50	5894	6205	6532	5.27%	0.71
-49	5507	5793	6095	5.20%	0.71
-48	5147	5412	5689	5.13%	0.71
-47	4813	5057	5313	5.06%	0.7
-46	4503	4728	4963	4.99%	0.7
-45	4214	4422	4639	4.91%	0.69
-44	3946	4137	4338	4.85%	0.69
-43	3696	3873	4058	4.78%	0.68
-42	3464	3627	3798	4.71%	0.68
-41	3247	3398	3556	4.64%	0.67
-40	3045	3185	3330	4.57%	0.67
-39	2857	2986	3121	4.50%	0.66
-38	2682	2801	2925	4.44%	0.66
-37	2518	2629	2743	4.37%	0.65
-36	2366	2468	2574	4.30%	0.65
-35	2223	2317	2416	4.24%	0.64
-34	2090	2177	2268	4.17%	0.64
-33	1965	2046	2130	4.11%	0.63
-32	1849	1924	2002	4.05%	0.63
-31	1740	1810	1882	3.98%	0.62
-30	1638	1703	1770	3.92%	0.62
-29	1543	1603	1665	3.86%	0.61
-28	1454	1509	1567	3.79%	0.61
-27	1371	1422	1475	3.73%	0.6
-26	1292	1340	1389	3.67%	0.59
-25	1219	1263	1309	3.61%	0.59
-24	1150	1191	1233	3.55%	0.58
-23	1086	1124	1163	3.49%	0.58
-22	1025	1060	1097	3.43%	0.57
-21	968.3	1001	1035	3.37%	0.57
-20	914.9	945.3	976.6	3.31%	0.56
-19	864.8	893	922	3.25%	0.55
-18	817.7	843.9	870.8	3.19%	0.55
-17	773.4	797.8	822.8	3.13%	0.54
-16	731.8	754.4	777.6	3.08%	0.53
-15	692.6	713.6	735.2	3.02%	0.53
-14	655.8	675.3	695.3	2.96%	0.52
-13	621.1	639.2	657.8	2.91%	0.52
-12	588.4	605.3	622.5	2.85%	0.51



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
-11	557.7	573.3	589.3	2.79%	0.5
-10	528.7	543.2	558.1	2.74%	0.5
-9	501.3	514.8	528.6	2.68%	0.49
-8	475.6	488.1	500.9	2.63%	0.48
-7	451.2	462.9	474.8	2.57%	0.48
-6	428.3	439.2	450.2	2.52%	0.47
-5	406.7	416.7	427	2.47%	0.46
-4	386.2	395.6	405.1	2.41%	0.45
-3	366.9	375.6	384.5	2.36%	0.45
-2	348.7	356.8	365	2.31%	0.44
-1	331.5	339	346.6	2.25%	0.43
0	315.2	322.2	329.3	2.20%	0.43
1	299.8	306.3	312.9	2.15%	0.42
2	285.2	291.2	297.4	2.10%	0.41
3	271.4	277	282.7	2.05%	0.4
4	258.4	263.6	268.9	2.00%	0.4
5	246.1	250.9	255.8	1.95%	0.39
6	234.4	238.8	243.4	1.90%	0.38
7	223.3	227.4	231.6	1.85%	0.37
8	212.8	216.6	220.5	1.80%	0.37
9	202.8	206.4	210	1.75%	0.36
10	193.4	196.7	200.1	1.70%	0.35
11	184.5	187.5	190.6	1.65%	0.34
12	176	178.8	181.7	1.60%	0.33
13	167.9	170.6	173.2	1.55%	0.33
14	160.3	162.7	165.2	1.51%	0.32
15	153	155.3	157.6	1.46%	0.31
16	146.2	148.2	150.3	1.41%	0.3
17	139.6	141.5	143.5	1.37%	0.29
18	133.4	135.2	137	1.32%	0.29
19	127.5	129.1	130.8	1.27%	0.28
20	121.9	123.4	124.9	1.23%	0.27
21	116.5	117.9	119.3	1.18%	0.26
22	111.5	112.7	114	1.14%	0.25
23	106.6	107.8	109	1.09%	0.24
24	102	103.1	104.2	1.04%	0.24
25	97.64	98.63	99.62	1.00%	0.23
26	93.39	94.38	95.36	1.04%	0.24
27	89.35	90.33	91.32	1.09%	0.25
28	85.5	86.48	87.46	1.13%	0.26
29	81.84	82.81	83.78	1.18%	0.27
30	78.35	79.31	80.28	1.22%	0.28



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
31	75.03	75.98	76.94	1.26%	0.3
32	71.86	72.81	73.76	1.31%	0.31
33	68.84	69.78	70.72	1.35%	0.32
34	65.97	66.89	67.83	1.39%	0.33
35	63.23	64.14	65.06	1.44%	0.34
36	60.61	61.52	62.42	1.48%	0.36
37	58.12	59.01	59.91	1.52%	0.37
38	55.74	56.62	57.5	1.56%	0.38
39	53.47	54.34	55.21	1.60%	0.39
40	51.31	52.16	53.01	1.65%	0.41
41	49.24	50.07	50.92	1.69%	0.42
42	47.26	48.09	48.92	1.73%	0.43
43	45.38	46.19	47	1.77%	0.45
44	43.58	44.37	45.17	1.81%	0.46
45	41.85	42.63	43.42	1.85%	0.47
46	40.21	40.97	41.75	1.89%	0.48
47	38.64	39.39	40.15	1.93%	0.5
48	37.13	37.87	38.61	1.97%	0.51
49	35.69	36.42	37.15	2.01%	0.52
50	34.32	35.03	35.74	2.05%	0.54
51	33	33.69	34.4	2.09%	0.55
52	31.74	32.42	33.11	2.13%	0.56
53	30.54	31.2	31.88	2.17%	0.58
54	29.38	30.03	30.7	2.21%	0.59
55	28.28	28.92	29.56	2.25%	0.6
56	27.22	27.84	28.48	2.29%	0.62
57	26.2	26.82	27.44	2.32%	0.63
58	25.23	25.83	26.44	2.36%	0.65
59	24.3	24.89	25.49	2.40%	0.66
60	23.41	23.98	24.57	2.44%	0.67
61	22.55	23.11	23.69	2.48%	0.69
62	21.73	22.28	22.84	2.51%	0.7
63	20.95	21.48	22.03	2.55%	0.72
64	20.19	20.72	21.25	2.59%	0.73
65	19.47	19.98	20.51	2.63%	0.75
66	18.77	19.28	19.79	2.66%	0.76
67	18.11	18.6	19.1	2.70%	0.78
68	17.47	17.95	18.44	2.74%	0.79
69	16.85	17.32	17.8	2.77%	0.8
70	16.26	16.72	17.19	2.81%	0.82
71	15.7	16.14	16.6	2.84%	0.83
72	15.15	15.59	16.04	2.88%	0.85



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
73	14.63	15.06	15.49	2.92%	0.86
74	14.12	14.54	14.97	2.95%	0.88
75	13.64	14.05	14.47	2.99%	0.9
76	13.18	13.58	13.99	3.02%	0.91
77	12.73	13.12	13.52	3.06%	0.93
78	12.3	12.68	13.07	3.09%	0.94
79	11.89	12.26	12.64	3.13%	0.96
80	11.49	11.85	12.23	3.16%	0.97
81	11.11	11.46	11.83	3.20%	0.99
82	10.74	11.09	11.45	3.23%	1
83	10.39	10.73	11.08	3.27%	1.02
84	10.04	10.38	10.72	3.30%	1.04
85	9.717	10.04	10.38	3.33%	1.05
86	9.401	9.718	10.05	3.37%	1.07
87	9.096	9.406	9.726	3.40%	1.08
88	8.803	9.106	9.419	3.44%	1.1
89	8.52	8.817	9.123	3.47%	1.12
90	8.248	8.538	8.837	3.50%	1.13
91	7.986	8.269	8.561	3.53%	1.15
92	7.733	8.01	8.296	3.57%	1.17
93	7.49	7.76	8.039	3.60%	1.18
94	7.255	7.519	7.792	3.63%	1.2
95	7.028	7.286	7.553	3.67%	1.22
96	6.809	7.062	7.323	3.70%	1.23
97	6.599	6.846	7.101	3.73%	1.25
98	6.395	6.637	6.886	3.76%	1.27
99	6.199	6.435	6.679	3.79%	1.28
100	6.01	6.24	6.479	3.83%	1.3
101	5.827	6.053	6.286	3.86%	1.32
102	5.651	5.871	6.1	3.89%	1.34
103	5.48	5.696	5.919	3.92%	1.35
104	5.316	5.527	5.745	3.95%	1.37
105	5.157	5.363	5.577	3.98%	1.39
106	5.004	5.205	5.414	4.02%	1.41
107	4.856	5.053	5.257	4.05%	1.42
108	4.713	4.905	5.105	4.08%	1.44
109	4.574	4.763	4.958	4.11%	1.46
110	4.441	4.625	4.816	4.14%	1.48
111	4.311	4.492	4.679	4.17%	1.5
112	4.187	4.363	4.546	4.20%	1.51
113	4.066	4.238	4.417	4.23%	1.53
114	3.949	4.118	4.293	4.26%	1.55



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
115	3.836	4.001	4.173	4.29%	1.57
116	3.727	3.888	4.056	4.32%	1.59
117	3.621	3.779	3.944	4.35%	1.61
118	3.519	3.674	3.835	4.38%	1.62
119	3.42	3.572	3.729	4.41%	1.64
120	3.325	3.473	3.627	4.44%	1.66
121	3.232	3.377	3.528	4.47%	1.68
122	3.143	3.284	3.432	4.50%	1.7
123	3.056	3.194	3.339	4.52%	1.72
124	2.972	3.108	3.249	4.55%	1.74
125	2.891	3.023	3.162	4.58%	1.76
126	2.812	2.942	3.077	4.61%	1.77
127	2.736	2.863	2.996	4.64%	1.79
128	2.662	2.786	2.916	4.67%	1.81
129	2.59	2.712	2.839	4.70%	1.83
130	2.521	2.64	2.765	4.72%	1.85
131	2.454	2.57	2.693	4.75%	1.87
132	2.388	2.503	2.623	4.78%	1.89
133	2.325	2.437	2.555	4.81%	1.91
134	2.264	2.374	2.489	4.84%	1.93
135	2.205	2.312	2.425	4.86%	1.95
136	2.147	2.253	2.363	4.89%	1.97
137	2.092	2.195	2.303	4.92%	1.99
138	2.037	2.138	2.244	4.94%	2.01
139	1.985	2.084	2.188	4.97%	2.03
140	1.934	2.031	2.133	5.00%	2.05
141	1.885	1.98	2.079	5.00%	2.07
142	1.837	1.93	2.027	5.10%	2.09
143	1.79	1.882	1.977	5.10%	2.11
144	1.745	1.835	1.928	5.10%	2.13
145	1.702	1.789	1.881	5.10%	2.15
146	1.659	1.745	1.835	5.20%	2.17
147	1.618	1.702	1.79	5.20%	2.2
148	1.578	1.66	1.747	5.20%	2.22
149	1.539	1.62	1.704	5.20%	2.24
150	1.501	1.58	1.663	5.30%	2.26
151	1.464	1.542	1.624	5.30%	2.28
152	1.429	1.505	1.585	5.30%	2.3
153	1.394	1.469	1.547	5.30%	2.32
154	1.36	1.434	1.511	5.40%	2.34
155	1.328	1.4	1.475	5.40%	2.36
156	1.296	1.366	1.44	5.40%	2.39



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
157	1.265	1.334	1.407	5.40%	2.41
158	1.235	1.303	1.374	5.50%	2.43
159	1.206	1.272	1.342	5.50%	2.45
160	1.178	1.243	1.311	5.50%	2.47
161	1.15	1.214	1.281	5.50%	2.5
162	1.123	1.186	1.252	5.60%	2.52
163	1.097	1.159	1.223	5.60%	2.54
164	1.072	1.132	1.196	5.60%	2.56
165	1.047	1.106	1.169	5.60%	2.58
166	1.023	1.081	1.143	5.70%	2.61
167	1	1.057	1.117	5.70%	2.63
168	0.977	1.033	1.092	5.70%	2.65
169	0.955	1.01	1.068	5.70%	2.67
170	0.934	0.988	1.044	5.80%	2.7
171	0.913	0.966	1.021	5.80%	2.72
172	0.892	0.944	0.999	5.80%	2.74
173	0.873	0.924	0.977	5.80%	2.76
174	0.853	0.903	0.956	5.90%	2.79
175	0.834	0.884	0.936	5.90%	2.81
176	0.816	0.864	0.915	5.90%	2.83
177	0.798	0.846	0.896	5.90%	2.86
178	0.781	0.828	0.877	5.90%	2.88
179	0.764	0.81	0.858	6.00%	2.9
180	0.748	0.792	0.84	6.00%	2.93
181	0.732	0.776	0.822	6.00%	2.95
182	0.716	0.759	0.805	6.00%	2.97
183	0.701	0.743	0.788	6.10%	3
184	0.686	0.728	0.772	6.10%	3.02
185	0.671	0.712	0.756	6.10%	3.04
186	0.657	0.698	0.74	6.10%	3.07
187	0.644	0.683	0.725	6.10%	3.09
188	0.63	0.669	0.71	6.20%	3.12
189	0.617	0.655	0.696	6.20%	3.14
190	0.604	0.642	0.682	6.20%	3.16
191	0.592	0.629	0.668	6.20%	3.19
192	0.58	0.616	0.655	6.30%	3.21
193	0.568	0.604	0.642	6.30%	3.24
194	0.557	0.592	0.629	6.30%	3.26
195	0.545	0.58	0.617	6.30%	3.29
196	0.534	0.568	0.604	6.30%	3.31
197	0.524	0.557	0.592	6.40%	3.34
198	0.513	0.546	0.581	6.40%	3.36



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
199	0.503	0.535	0.57	6.40%	3.39
200	0.493	0.525	0.559	6.40%	3.41
201	0.483	0.515	0.548	6.50%	3.44
202	0.474	0.505	0.537	6.50%	3.46
203	0.465	0.495	0.527	6.50%	3.49
204	0.456	0.485	0.517	6.50%	3.51
205	0.447	0.476	0.507	6.50%	3.54
206	0.438	0.467	0.498	6.60%	3.56
207	0.43	0.458	0.488	6.60%	3.59
208	0.422	0.449	0.479	6.60%	3.61
209	0.414	0.441	0.47	6.60%	3.64
210	0.406	0.433	0.461	6.60%	3.66
211	0.398	0.425	0.453	6.70%	3.69
212	0.391	0.417	0.445	6.70%	3.72
213	0.383	0.409	0.436	6.70%	3.74
214	0.376	0.401	0.428	6.70%	3.77
215	0.369	0.394	0.421	6.70%	3.79
216	0.362	0.387	0.413	6.80%	3.82
217	0.356	0.38	0.406	6.80%	3.85
218	0.349	0.373	0.398	6.80%	3.87
219	0.343	0.366	0.391	6.80%	3.9
220	0.337	0.36	0.384	6.80%	3.93
221	0.331	0.353	0.377	6.90%	3.95
222	0.325	0.347	0.371	6.90%	3.98
223	0.319	0.341	0.364	6.90%	4.01
224	0.313	0.335	0.358	6.90%	4.03
225	0.308	0.329	0.352	6.90%	4.06
226	0.302	0.323	0.346	6.90%	4.09
227	0.297	0.317	0.34	7.00%	4.11
228	0.292	0.312	0.334	7.00%	4.14
229	0.286	0.307	0.328	7.00%	4.17
230	0.281	0.301	0.322	7.00%	4.19
231	0.277	0.296	0.317	7.00%	4.22
232	0.272	0.291	0.311	7.10%	4.25
233	0.267	0.286	0.306	7.10%	4.28
234	0.262	0.281	0.301	7.10%	4.3
235	0.258	0.276	0.296	7.10%	4.33
236	0.254	0.272	0.291	7.10%	4.36
237	0.249	0.267	0.286	7.20%	4.39
238	0.245	0.263	0.282	7.20%	4.42
239	0.241	0.258	0.277	7.20%	4.44
240	0.237	0.254	0.272	7.20%	4.47



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Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
241	0.233	0.25	0.268	7.20%	4.5
242	0.229	0.246	0.263	7.20%	4.53
243	0.225	0.242	0.259	7.30%	4.56
244	0.222	0.238	0.255	7.30%	4.58
245	0.218	0.234	0.251	7.30%	4.61
246	0.214	0.23	0.247	7.30%	4.64
247	0.211	0.226	0.243	7.30%	4.67
248	0.207	0.223	0.239	7.30%	4.7
249	0.204	0.219	0.235	7.40%	4.73
250	0.201	0.216	0.231	7.40%	4.76
251	0.197	0.212	0.228	7.40%	4.79
252	0.194	0.209	0.224	7.40%	4.81
253	0.191	0.205	0.221	7.40%	4.84
254	0.188	0.202	0.217	7.40%	4.87
255	0.185	0.199	0.214	7.50%	4.9
256	0.182	0.196	0.211	7.50%	4.93
257	0.179	0.193	0.207	7.50%	4.96
258	0.177	0.19	0.204	7.50%	4.99
259	0.174	0.187	0.201	7.50%	5.02
260	0.171	0.184	0.198	7.60%	5.05
261	0.168	0.181	0.195	7.60%	5.08
262	0.166	0.178	0.192	7.60%	5.11
263	0.163	0.176	0.189	7.60%	5.14
264	0.161	0.173	0.186	7.60%	5.17
265	0.158	0.17	0.183	7.60%	5.2
266	0.156	0.168	0.18	7.70%	5.23
267	0.153	0.165	0.178	7.70%	5.26
268	0.151	0.163	0.175	7.70%	5.29
269	0.149	0.16	0.172	7.70%	5.32
270	0.146	0.158	0.17	7.70%	5.35
271	0.144	0.155	0.167	7.70%	5.38
272	0.142	0.153	0.165	7.70%	5.41
273	0.14	0.151	0.162	7.80%	5.44
274	0.138	0.148	0.16	7.80%	5.47
275	0.136	0.146	0.158	7.80%	5.5
276	0.134	0.144	0.155	7.80%	5.53
277	0.132	0.142	0.153	7.80%	5.56
278	0.13	0.14	0.151	7.80%	5.6
279	0.128	0.138	0.149	7.90%	5.63
280	0.126	0.136	0.146	7.90%	5.66
281	0.124	0.134	0.144	7.90%	5.69
282	0.122	0.132	0.142	7.90%	5.72



深圳市深思泰電子科技有限公司

SHENZHEN SENSTECH ELECTRONIC TECHNOLOGY CO., LTD

Temp	Rmin	Rcent	Rmax	DR	DT
(°C)	(KΩ)	(KΩ)	(KΩ)	(%)	(°C)
283	0.12	0.13	0.14	7.90%	5.75
284	0.118	0.128	0.138	7.90%	5.78
285	0.117	0.126	0.136	8.00%	5.81
286	0.115	0.124	0.134	8.00%	5.85
287	0.113	0.122	0.132	8.00%	5.88
288	0.112	0.121	0.13	8.00%	5.91
289	0.11	0.119	0.128	8.00%	5.94
290	0.108	0.117	0.127	8.00%	5.97
291	0.107	0.115	0.125	8.10%	6
292	0.105	0.114	0.123	8.10%	6.04
293	0.104	0.112	0.121	8.10%	6.07
294	0.102	0.11	0.119	8.10%	6.1
295	0.101	0.109	0.118	8.10%	6.13
296	0.099	0.107	0.116	8.10%	6.17
297	0.098	0.106	0.114	8.10%	6.2
298	0.096	0.104	0.113	8.20%	6.23
299	0.095	0.103	0.111	8.20%	6.26
300	0.094	0.101	0.11	8.20%	6.3