TEMPERATURE VS RESISTANCE TABLE

Resistance **10k Ohms at 25deg. C**

Resistance Tolerance **+ / - 5%**

B Value **3970K at 25/85 deg. C**

B Value Tolerance **+ / -1 %**

Temp. °C	Rmax kΩ	Rnor kΩ	Rmin kΩ	Temp. °C	Rmax kΩ	Rnor kΩ	Rmin kΩ
-40	364.3933	335.0656	307.3279	-7	49.8531	46.7525	43.7351
-39	340.6323	313.4261	287.6719	-6	47.2532	44.3378	41.4983
-38	318.5807	293.3301	269.4056	-5	44.8045	42.0623	39.3893
-37	298.1047	274.6576	252.4221	-4	42.4972	39.9172	37.4000
-36	279.0816	257.2986	236.6228	-3	40.3225	37.8942	35.5231
-35	261.3990	241.1525	221.9179	-2	38.2720	35.9857	33.7515
-34	244.9540	226.1266	208.2245	-1	36.3378	34.1847	32.0787
-33	229.6523	212.1365	195.4667	0	34.5128	32.4843	30.4987
-32	215.4071	199.1040	183.5747	1	32.7901	30.8786	29.0057
-31	202.1390	186.9577	172.4843	2	31.1635	29.3616	27.5946
-30	189.7748	175.6318	162.1365	3	29.6271	27.9279	26.2604
-29	178.2473	165.0658	152.4769	4	28.1753	26.5726	24.9985
-28	167.4949	155.2041	143.4557	5	26.8031	25.2910	23.8045
-27	157.4604	145.9953	135.0265	6	25.5056	24.0785	22.6745
-26	148.0918	137.3922	127.1469	7	24.2784	22.9312	21.6046
-25	139.3406	129.3513	119.7779	8	23.1173	21.8451	20.5913
-24	131.1625	121.8324	112.8830	9	22.0183	20.8167	19.6314
-23	123.5164	114.7985	106.4291	10	20.9779	19.8425	18.7217
-22	116.3646	108.2153	100.3851	11	19.9926	18.9195	17.8593
-21	109.6720	102.0513	94.7227	12	19.0591	18.0447	17.0416
-20	103.4066	96.2772	89.4153	13	18.1745	17.2152	16.2659
-19	97.5384	90.8662	84.4387	14	17.3359	16.4286	15.5299
-18	92.0399	85.7931	79.7703	15	16.5407	15.6823	14.8313
-17	86.8856	81.0348	75.3891	16	15.7864	14.9741	14.1681
-16	82.0520	76.5701	71.2758	17	15.0708	14.3019	13.5383
-15	77.5172	72.3790	67.4124	18	14.3916	13.6636	12.9399
-14	73.2610	68.4432	63.7823	19	13.7467	13.0573	12.3714
-13	69.2646	64.7456	60.3700	20	13.1344	12.4812	11.8309
-12	65.5107	61.2704	57.1612	21	12.5527	11.9338	11.3171
-11	61.9832	58.0029	54.1426	22	11.9999	11.4134	10.8284
-10	58.6670	54.9297	51.3018	23	11.4745	10.9185	10.3635
-9	55.5484	52.0378	48.6273	24	10.9750	10.4478	9.9211
-8	52.6144	49.3158	46.1083	25	10.5000	10.0000	9.5000

26	10.0569	9.5738	9.0912	67	2.0813	1.9500	1.8225
27	9.6349	9.1681	8.7021	68	2.0112	1.8837	1.7599
28	9.2328	8.7818	8.3318	69	1.9438	1.8200	1.6998
29	8.8498	8.4138	7.9793	70	1.8791	1.7588	1.6420
30	8.4846	8.0632	7.6436	71	1.8168	1.6999	1.5865
31	8.1366	7.7292	7.3238	72	1.7568	1.6432	1.5331
32	7.8046	7.4107	7.0191	73	1.6992	1.5888	1.4818
33	7.4880	7.1071	6.7287	74	1.6437	1.5364	1.4325
34	7.1859	6.8175	6.4519	75	1.5903	1.4859	1.3850
35	6.8976	6.5413	6.1879	76	1.5389	1.4374	1.3393
36	6.6224	6.2777	5.9362	77	1.4894	1.3907	1.2954
37	6.3596	6.0262	5.6960	78	1.4417	1.3458	1.2531
38	6.1087	5.7860	5.4667	79	1.3958	1.3025	1.2124
39	5.8689	5.5567	5.2480	80	1.3515	1.2608	1.1732
40	5.6399	5.3377	5.0391	81	1.3089	1.2206	1.1355
41	5.4210	5.1285	4.8396	82	1.2679	1.1820	1.0991
42	5.2117	4.9285	4.6491	83	1.2283	1.1447	1.0641
43	5.0116	4.7374	4.4670	84	1.1901	1.1088	1.0304
44	4.8202	4.5547	4.2931	85	1.1533	1.0742	0.9979
45	4.6371	4.3800	4.1268	86	1.1178	1.0408	0.9666
46	4.4619	4.2129	3.9678	87	1.0836	1.0086	0.9365
47	4.2942	4.0530	3.8157	88	1.0506	0.9776	0.9074
48	4.1337	3.9000	3.6703	89	1.0188	0.9477	0.8793
49	3.9801	3.7536	3.5311	90	0.9880	0.9188	0.8523
50	3.8329	3.6134	3.3980	91	0.9584	0.8909	0.8262
51	3.6919	3.4792	3.2705	92	0.9297	0.8641	0.8010
52	3.5568	3.3506	3.1485	93	0.9021	0.8381	0.7767
53	3.4274	3.2275	3.0316	94	0.8754	0.8131	0.7533
54	3.3033	3.1095	2.9197	95	0.8496	0.7889	0.7307
55	3.1844	2.9964	2.8125	96	0.8248	0.7656	0.7088
56	3.0703	2.8880	2.7097	97	0.8007	0.7430	0.6877
57	2.9609	2.7840	2.6112	98	0.7775	0.7212	0.6674
58	2.8559	2.6844	2.5168	99	0.7550	0.7002	0.6477
59	2.7552	2.5888	2.4263	100	0.7333	0.6799	0.6288
60	2.6585	2.4971	2.3395	101	0.7124	0.6602	0.6104
61	2.5658	2.4090	2.2562	102	0.6921	0.6413	0.5927
62	2.4767	2.3246	2.1764	103	0.6725	0.6229	0.5756
63	2.3911	2.2435	2.0997	104	0.6535	0.6052	0.5590
64	2.3090	2.1656	2.0261	105	0.6352	0.5880	0.5430
65	2.2300	2.0908	1.9555	106	0.6174	0.5714	0.5276
66	2.1542	2.0190	1.8876	107	0.6003	0.5554	0.5126

108	0.5837	0.5399	0.4981	130	0.311	0.2973	0.2842
109	0.5676	0.5249	0.4841	131	0.3033	0.2899	0.277
110	0.5520	0.5103	0.4706	132	0.2958	0.2826	0.27
111	0.5370	0.4963	0.4575	133	0.2885	0.2756	0.2632
112	0.5224	0.4827	0.4449	134	0.2814	0.2687	0.2566
113	0.5083	0.4695	0.4326	135	0.2745	0.2621	0.2502
114	0.4946	0.4568	0.4207	136	0.2679	0.2557	0.244
115	0.4814	0.4444	0.4093	137	0.2614	0.2494	0.238
116	0.4686	0.4325	0.3981	138	0.2551	0.2433	0.2321
117	0.4562	0.4209	0.3874	139	0.249	0.2375	0.2264
118	0.4441	0.4097	0.3769	140	0.243	0.2317	0.2209
119	0.4325	0.3988	0.3668	141	0.2372	0.2262	0.2156
120	0.4211	0.3883	0.3571	142	0.2316	0.2208	0.2104
121	0.3923	0.3759	0.3601	143	0.2262	0.2155	0.2053
122	0.3822	0.3661	0.3506	144	0.2209	0.2104	0.2004
123	0.3723	0.3565	0.3414	145	0.2157	0.2054	0.1956
124	0.3627	0.3473	0.3324	146	0.2107	0.2006	0.191
125	0.3534	0.3383	0.3238	147	0.2058	0.1959	0.1865
126	0.3444	0.3296	0.3153	148	0.2011	0.1914	0.1821
127	0.3357	0.3211	0.3072	149	0.1965	0.187	0.1779
128	0.3272	0.313	0.2993	150	0.192	0.1826	0.1737
129	0.319	0.305	0.2916				