

电阻-温度特性表  
R-T CONVERSION TABLE

R <sub>25</sub> (K)	10	Tolerance	1%	Tolerance	-1%	Spec.	10K3700
B <sub>25/50</sub>	3700	Tolerance	1%	Tolerance	-1%	Draw by	Hongying Chin
B <sub>25/85</sub>	0	Tolerance		Tolerance			
T(°C)	R <sub>Low</sub> (K Ω)	R <sub>Center</sub> (K Ω)	R <sub>High</sub> (K Ω)	T(°C)	R <sub>Low</sub> (K Ω)	R <sub>Center</sub> (K Ω)	R <sub>High</sub> (K Ω)
-40	214.9373	223.9640	233.3466	1	26.8215	27.3665	27.9198
-39	202.9956	211.3988	220.1278	2	25.6674	26.1774	26.6948
-38	191.7460	199.5685	207.6894	3	24.5687	25.0458	25.5296
-37	181.1570	188.4394	195.9949	4	23.5224	23.9686	24.4208
-36	171.1953	177.9755	185.0058	5	22.5257	22.9430	23.3656
-35	162.1263	168.4547	175.0126	6	21.5915	21.9820	22.3774
-34	153.2399	159.1308	165.2316	7	20.6989	21.0643	21.4341
-33	144.9002	150.3854	156.0627	8	19.8460	20.1878	20.5334
-32	137.0700	142.1790	147.4637	9	19.0308	19.3504	19.6733
-31	129.7149	134.4749	139.3955	10	18.2516	18.5502	18.8519
-30	122.8032	127.2391	131.8221	11	17.4742	17.7523	18.0331
-29	116.3377	120.4742	124.7454	12	16.7368	16.9958	17.2570
-28	110.2539	114.1122	118.0937	13	16.0371	16.2782	16.5212
-27	104.5268	108.1264	111.8388	14	15.3727	15.5972	15.8233
-26	99.1333	102.4924	105.9546	15	14.7417	14.9506	15.1610
-25	94.0521	97.1873	100.4169	16	14.1544	14.3491	14.5451
-24	89.4468	92.3816	95.4032	17	13.5932	13.7745	13.9569
-23	85.0885	87.8360	90.6631	18	13.0566	13.2254	13.3951
-22	80.9626	83.5349	86.1803	19	12.5436	12.7006	12.8583
-21	77.0558	79.4643	81.9398	20	12.0530	12.1989	12.3455
-20	73.3553	75.6105	77.9273	21	11.5870	11.7227	11.8588
-19	69.6008	71.7025	73.8603	22	11.1395	11.2654	11.3917
-18	66.0666	68.0257	70.0360	23	10.7096	10.8264	10.9433
-17	62.7383	64.5650	66.4383	24	10.2967	10.4048	10.5130
-16	59.6025	61.3062	63.0523	25	9.9000	10.0000	10.1000
-15	56.6468	58.2360	59.8639	26	9.5114	9.6113	9.7112
-14	53.9255	55.4108	56.9314	27	9.1383	9.2379	9.3377
-13	51.3519	52.7403	54.1609	28	8.7802	8.8794	8.9789
-12	48.9171	50.2151	51.5423	29	8.4363	8.5351	8.6341
-11	46.6128	47.8263	49.0665	30	8.1063	8.2044	8.3028
-10	44.4313	45.5659	46.7249	31	7.7914	7.8888	7.9866
-9	42.3887	43.4505	44.5344	32	7.4897	7.5863	7.6834
-8	40.4511	41.4448	42.4586	33	7.2006	7.2962	7.3925
-7	38.6126	39.5425	40.4908	34	6.9234	7.0181	7.1134
-6	36.8676	37.7378	38.6248	35	6.6576	6.7513	6.8457
-5	35.2108	36.0252	36.8548	36	6.3991	6.4917	6.5850
-4	33.6220	34.3837	35.1590	37	6.1506	6.2421	6.3343
-3	32.1144	32.8267	33.5514	38	5.9119	6.0021	6.0932
-2	30.6834	31.3495	32.0268	39	5.6825	5.7715	5.8613
-1	29.3245	29.9474	30.5805	40	5.4620	5.5498	5.6384
0	28.0339	28.6164	29.2080				

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B25/85	0	Tolerance		Tolerance							
T(°C)	R <sub>Low</sub> (K Ω)	R <sub>Center</sub> (K Ω)	R <sub>High</sub> (K Ω)	T(°C)	R <sub>Low</sub> (K Ω)	R <sub>Center</sub> (K Ω)	R <sub>High</sub> (K Ω)	T(°C)	R <sub>Low</sub> (K Ω)	R <sub>Center</sub> (K Ω)	R <sub>High</sub> (K Ω)
41	5.2576	5.3441	5.4315	81	1.3014	1.3413	1.3822	121	0.4122	0.4296	0.4478
42	5.0618	5.1470	5.2331	82	1.2608	1.2998	1.3399	122	0.4009	0.4180	0.4358
43	4.8741	4.9580	5.0429	83	1.2217	1.2598	1.2991	123	0.3900	0.4067	0.4242
44	4.6943	4.7768	4.8604	84	1.1839	1.2213	1.2597	124	0.3794	0.3958	0.4129
45	4.5218	4.6030	4.6853	85	1.1474	1.1840	1.2216	125	0.3691	0.3852	0.4019
46	4.3553	4.4353	4.5162	86	1.1122	1.1480	1.1849				
47	4.1957	4.2742	4.3538	87	1.0782	1.1133	1.1494				
48	4.0424	4.1196	4.1979	88	1.0454	1.0797	1.1151				
49	3.8953	3.9712	4.0481	89	1.0137	1.0473	1.0820				
50	3.7542	3.8287	3.9043	90	0.9831	1.0160	1.0499				
51	3.6187	3.6919	3.7662	91	0.9537	0.9860	1.0192				
52	3.4887	3.5605	3.6335	92	0.9254	0.9569	0.9894				
53	3.3639	3.4343	3.5060	93	0.8979	0.9288	0.9606				
54	3.2439	3.3131	3.3834	94	0.8714	0.9016	0.9328				
55	3.1287	3.1966	3.2656	95	0.8458	0.8754	0.9059				
56	3.0164	3.0830	3.1507	96	0.8211	0.8501	0.8801				
57	2.9085	2.9737	3.0401	97	0.7973	0.8257	0.8550				
58	2.8048	2.8687	2.9338	98	0.7743	0.8021	0.8308				
59	2.7050	2.7676	2.8314	99	0.7520	0.7792	0.8074				
60	2.6090	2.6704	2.7330	100	0.7305	0.7571	0.7847				
61	2.5222	2.5824	2.6437	101	0.7101	0.7362	0.7632				
62	2.4387	2.4977	2.5579	102	0.6903	0.7159	0.7424				
63	2.3585	2.4164	2.4754	103	0.6712	0.6963	0.7222				
64	2.2814	2.3381	2.3961	104	0.6527	0.6773	0.7027				
65	2.2072	2.2629	2.3197	105	0.6348	0.6589	0.6838				
66	2.1330	2.1875	2.2432	106	0.6170	0.6406	0.6650				
67	2.0615	2.1150	2.1696	107	0.5997	0.6228	0.6468				
68	1.9928	2.0451	2.0986	108	0.5830	0.6057	0.6291				
69	1.9266	1.9778	2.0302	109	0.5669	0.5890	0.6120				
70	1.8628	1.9130	1.9643	110	0.5512	0.5729	0.5954				
71	1.8016	1.8508	1.9011	111	0.5370	0.5583	0.5804				
72	1.7427	1.7909	1.8401	112	0.5232	0.5441	0.5657				
73	1.6860	1.7331	1.7814	113	0.5098	0.5303	0.5516				
74	1.6313	1.6774	1.7247	114	0.4968	0.5169	0.5378				
75	1.5786	1.6238	1.6701	115	0.4843	0.5040	0.5245				
76	1.5281	1.5723	1.6177	116	0.4714	0.4908	0.5108				
77	1.4794	1.5227	1.5672	117	0.4590	0.4779	0.4976				
78	1.4324	1.4749	1.5184	118	0.4469	0.4654	0.4847				
79	1.3872	1.4287	1.4714	119	0.4351	0.4534	0.4723				
80	1.3435	1.3842	1.4260	120	0.4238	0.4416	0.4602				