

电阻-温度特性表
R-T CONVERSION TABLE

R ₂₅ (K)	30	Tolerance	1%	Tolerance	-1%	Spec.	30K4050
B _{25/50}	4050	Tolerance	1%	Tolerance	-1%	Draw by	Hongying Chin
B _{25/85}	0	Tolerance		Tolerance			
T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)	T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)
-40	905.5612	946.8347	989.8903	1	92.4272	94.4376	96.4820
-39	852.0927	890.3817	930.2981	2	87.9236	89.7907	91.6883
-38	801.5197	837.0187	874.0025	3	83.6603	85.3940	87.1549
-37	753.8255	786.7244	820.9770	4	79.6233	81.2327	82.8664
-36	708.9441	739.4257	771.1407	5	75.7995	77.2932	78.8085
-35	670.1478	698.5641	728.1125	6	72.3262	73.7166	75.1261
-34	629.6885	655.9764	683.2935	7	69.0126	70.3059	71.6163
-33	591.9292	616.2557	641.5179	8	65.8511	67.0534	68.2708
-32	556.6732	579.1915	602.5603	9	62.8349	63.9518	65.0821
-31	523.7392	544.5897	566.2135	10	59.9572	60.9941	62.0427
-30	492.9602	512.2718	532.2867	11	56.9963	57.9524	58.9185
-29	464.3544	482.2541	500.7937	12	54.2125	55.0940	55.9842
-28	437.5802	454.1752	471.3525	13	51.5937	52.4064	53.2266
-27	412.5094	427.8986	443.8175	14	49.1288	49.8780	50.6336
-26	389.0238	403.2979	418.0540	15	46.8075	47.4981	48.1940
-25	367.0139	380.2568	393.9380	16	44.6747	45.3125	45.9547
-24	346.6089	358.9080	371.6064	17	42.6503	43.2388	43.8311
-23	327.4485	338.8730	350.6611	18	40.7281	41.2709	41.8168
-22	309.4502	320.0639	331.0086	19	38.9025	39.4028	39.9054
-21	292.5373	302.3992	312.5623	20	37.1682	37.6288	38.0913
-20	276.6385	285.8031	295.2417	21	35.5191	35.9427	36.3678
-19	261.6589	270.1752	278.9408	22	33.9521	34.3414	34.7317
-18	247.5703	255.4852	263.6268	23	32.4627	32.8200	33.1780
-17	234.3150	241.6718	249.2346	24	31.0466	31.3743	31.7022
-16	221.8394	228.6781	235.7040	25	29.7000	30.0000	30.3000
-15	210.0936	216.4512	222.9789	26	28.3937	28.6933	28.9931
-14	199.0449	204.9563	211.0222	27	27.1518	27.4504	27.7495
-13	188.6340	194.1309	199.7679	28	25.9708	26.2680	26.5659
-12	178.8207	183.9323	189.1711	29	24.8474	25.1427	25.4390
-11	169.5678	174.3213	179.1901	30	23.7785	24.0716	24.3659
-10	160.8402	165.2609	169.7860	31	22.7568	23.0473	23.3392
-9	152.7170	156.8322	161.0422	32	21.7829	22.0706	22.3598
-8	145.0381	148.8689	152.7855	33	20.8545	21.1390	21.4253
-7	137.7775	141.3431	144.9865	34	19.9691	20.2503	20.5333
-6	130.9104	134.2290	137.6179	35	19.1248	19.4023	19.6819
-5	124.4140	127.5023	130.6542	36	18.3268	18.6006	18.8766
-4	118.3829	121.2606	124.1959	37	17.5664	17.8363	18.1086
-3	112.6609	115.3418	118.0746	38	16.8416	17.1075	17.3759
-2	107.2311	109.7280	112.2718	39	16.1505	16.4124	16.6768
-1	102.0777	104.4027	106.7699	40	15.4915	15.7492	16.0095
0	97.1859	99.3501	101.5524				

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T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)	T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)	T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)
41	14.8541	15.1074	15.3635	81	3.2754	3.3815	3.4907	121	0.9539	0.9969	1.0418
42	14.2452	14.4942	14.7460	82	3.1661	3.2698	3.3765	122	0.9276	0.9696	1.0135
43	13.6635	13.9080	14.1555	83	3.0609	3.1622	3.2665	123	0.9020	0.9432	0.9862
44	13.1076	13.3477	13.5908	84	2.9597	3.0587	3.1606	124	0.8773	0.9176	0.9596
45	12.5763	12.8119	13.0506	85	2.8623	2.9590	3.0586	125	0.8533	0.8928	0.9340
46	12.0736	12.3047	12.5391	86	2.7684	2.8628	2.9602				
47	11.5932	11.8199	12.0498	87	2.6780	2.7702	2.8654				
48	11.1341	11.3563	11.5818	88	2.5909	2.6810	2.7740				
49	10.6951	10.9129	11.1341	89	2.5070	2.5950	2.6859				
50	10.2754	10.4888	10.7056	90	2.4262	2.5122	2.6010				
51	9.8746	10.0837	10.2962	91	2.3487	2.4328	2.5196				
52	9.4913	9.6961	9.9043	92	2.2741	2.3563	2.4411				
53	9.1246	9.3251	9.5290	93	2.2022	2.2825	2.3654				
54	8.7736	8.9699	9.1696	94	2.1328	2.2113	2.2924				
55	8.4377	8.6298	8.8254	95	2.0660	2.1427	2.2220				
56	8.1130	8.3009	8.4924	96	2.0016	2.0766	2.1541				
57	7.8020	7.9858	8.1732	97	1.9395	2.0128	2.0886				
58	7.5041	7.6839	7.8672	98	1.8797	1.9513	2.0254				
59	7.2188	7.3945	7.5738	99	1.8219	1.8919	1.9643				
60	6.9453	7.1171	7.2924	100	1.7662	1.8345	1.9054				
61	6.6939	6.8620	7.0336	101	1.7132	1.7801	1.8494				
62	6.4531	6.6176	6.7855	102	1.6622	1.7276	1.7954				
63	6.2224	6.3833	6.5477	103	1.6129	1.6768	1.7432				
64	6.0013	6.1587	6.3195	104	1.5653	1.6278	1.6927				
65	5.7894	5.9433	6.1007	105	1.5193	1.5805	1.6440				
66	5.5979	5.7487	5.9029	106	1.4740	1.5338	1.5959				
67	5.4145	5.5621	5.7132	107	1.4303	1.4888	1.5495				
68	5.2386	5.3832	5.5313	108	1.3880	1.4452	1.5046				
69	5.0701	5.2117	5.3568	109	1.3472	1.4031	1.4612				
70	4.9084	5.0471	5.1893	110	1.3077	1.3624	1.4192				
71	4.7183	4.8535	4.9922	111	1.2700	1.3235	1.3791				
72	4.5356	4.6675	4.8027	112	1.2335	1.2859	1.3403				
73	4.3601	4.4886	4.6204	113	1.1983	1.2495	1.3027				
74	4.1914	4.3167	4.4452	114	1.1642	1.2143	1.2664				
75	4.0294	4.1514	4.2766	115	1.1312	1.1802	1.2312				
76	3.8910	4.0102	4.1326	116	1.0992	1.1472	1.1971				
77	3.7580	3.8745	3.9941	117	1.0682	1.1151	1.1640				
78	3.6301	3.7439	3.8609	118	1.0383	1.0842	1.1320				
79	3.5072	3.6184	3.7327	119	1.0093	1.0542	1.1010				
80	3.3890	3.4976	3.6093	120	0.9812	1.0251	1.0709				