

电阻-温度特性表
R-T CONVERSION TABLE

R ₂₅ (K)	10	Tolerance	1%	Tolerance	-1%	Spec.	10K4100
B _{25/50}	4100	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	327.0415	342.2242	358.0760	1	31.3995	32.0886	32.7895
-39	307.4548	321.5276	336.2110	2	29.8919	30.5327	31.1842
-38	289.1426	302.1897	315.7940	3	28.4596	29.0554	29.6606
-37	272.0128	284.1117	296.7190	4	27.0988	27.6524	28.2144
-36	255.9814	267.2032	278.8891	5	25.8057	26.3198	26.8415
-35	240.9051	251.3118	262.1419	6	24.5316	25.0076	25.4903
-34	226.8625	236.5190	246.5620	7	23.3276	23.7682	24.2146
-33	213.7001	222.6619	231.9764	8	22.1894	22.5970	23.0098
-32	201.3588	209.6770	218.3171	9	21.1131	21.4901	21.8717
-31	189.7836	197.5056	205.5212	10	20.0949	20.4435	20.7961
-30	178.9237	186.0929	193.5301	11	19.0864	19.4074	19.7319
-29	171.3340	178.1211	185.1587	12	18.1401	18.4358	18.7344
-28	163.9977	170.4189	177.0738	13	17.2517	17.5240	17.7988
-27	156.9107	162.9817	169.2706	14	16.4171	16.6679	16.9208
-26	150.0687	155.8048	161.7439	15	15.6326	15.8636	16.0963
-25	143.4672	148.8833	154.4884	16	14.9235	15.1368	15.3517
-24	133.2936	138.2229	143.3201	17	14.2489	14.4459	14.6441
-23	123.9624	128.4524	133.0917	18	13.6071	13.7888	13.9715
-22	115.3958	119.4890	123.7151	19	12.9964	13.1638	13.3321
-21	107.5237	111.2582	115.1110	20	12.4151	12.5692	12.7240
-20	100.2831	103.6931	107.2084	21	11.8621	12.0038	12.1460
-19	94.7086	97.8726	101.1321	22	11.3353	11.4655	11.5960
-18	89.4713	92.4072	95.4298	23	10.8336	10.9530	11.0726
-17	84.5491	87.2736	90.0768	24	10.3555	10.4649	10.5743
-16	79.9215	82.4499	85.0498	25	9.9000	10.0000	10.1000
-15	75.5693	77.9160	80.3275	26	9.4573	9.5572	9.6571
-14	71.4810	73.6594	75.8965	27	9.0357	9.1352	9.2349
-13	67.6330	69.6551	71.7305	28	8.6341	8.7331	8.8324
-12	64.0100	65.8871	67.8125	29	8.2516	8.3499	8.4487
-11	60.5978	62.3404	64.1266	30	7.8870	7.9847	8.0827
-10	57.3831	59.0008	60.6579	31	7.5441	7.6408	7.7380
-9	54.3473	55.8487	57.3858	32	7.2184	7.3141	7.4104
-8	51.4862	52.8797	54.3054	33	6.9089	7.0036	7.0989
-7	48.7890	50.0822	51.4046	34	6.6149	6.7084	6.8026
-6	46.2455	47.4456	48.6720	35	6.3354	6.4277	6.5208
-5	43.8462	44.9599	46.0972	36	6.0672	6.1583	6.2501
-4	41.3666	42.3924	43.4392	37	5.8117	5.9015	5.9920
-3	39.0529	39.9980	40.9619	38	5.5684	5.6568	5.7460
-2	36.8924	37.7635	38.6513	39	5.3365	5.4235	5.5113
-1	34.8738	35.6770	36.4950	40	5.1154	5.2010	5.2875
0	32.9866	33.7273	34.4812				

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B25/85	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)	T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)
41	4.9027	4.9868	5.0718	81	1.0854	1.1206	1.1569	121	0.3240	0.3385	0.3537
42	4.6996	4.7822	4.8658	82	1.0494	1.0838	1.1192	122	0.3151	0.3293	0.3442
43	4.5057	4.5869	4.6690	83	1.0147	1.0484	1.0830	123	0.3065	0.3204	0.3349
44	4.3207	4.4003	4.4809	84	0.9814	1.0142	1.0481	124	0.2981	0.3118	0.3260
45	4.1439	4.2220	4.3012	85	0.9493	0.9814	1.0145	125	0.2901	0.3034	0.3173
46	3.9769	4.0535	4.1312	86	0.9185	0.9499	0.9822				
47	3.8174	3.8925	3.9687	87	0.8889	0.9195	0.9512				
48	3.6651	3.7387	3.8134	88	0.8603	0.8903	0.9212				
49	3.5196	3.5917	3.6650	89	0.8329	0.8621	0.8924				
50	3.3805	3.4512	3.5230	90	0.8064	0.8350	0.8646				
51	3.2485	3.3177	3.3880	91	0.7811	0.8091	0.8380				
52	3.1222	3.1900	3.2589	92	0.7567	0.7840	0.8123				
53	3.0016	3.0679	3.1354	93	0.7332	0.7599	0.7876				
54	2.8862	2.9511	3.0172	94	0.7105	0.7367	0.7637				
55	2.7758	2.8394	2.9041	95	0.6887	0.7142	0.7407				
56	2.6686	2.7308	2.7941	96	0.6675	0.6925	0.7184				
57	2.5659	2.6267	2.6887	97	0.6471	0.6716	0.6968				
58	2.4676	2.5271	2.5877	98	0.6275	0.6513	0.6761				
59	2.3735	2.4316	2.4909	99	0.6085	0.6318	0.6560				
60	2.2833	2.3402	2.3981	100	0.5902	0.6130	0.6367				
61	2.2011	2.2567	2.3134	101	0.5736	0.5959	0.6191				
62	2.1223	2.1767	2.2323	102	0.5575	0.5794	0.6021				
63	2.0469	2.1001	2.1545	103	0.5420	0.5635	0.5857				
64	1.9747	2.0267	2.0799	104	0.5271	0.5481	0.5699				
65	1.9055	1.9564	2.0085	105	0.5126	0.5332	0.5545				
66	1.8369	1.8867	1.9376	106	0.4976	0.5177	0.5386				
67	1.7712	1.8198	1.8696	107	0.4831	0.5028	0.5232				
68	1.7081	1.7556	1.8043	108	0.4691	0.4884	0.5084				
69	1.6476	1.6940	1.7416	109	0.4556	0.4744	0.4940				
70	1.5895	1.6349	1.6814	110	0.4425	0.4609	0.4801				
71	1.5344	1.5787	1.6242	111	0.4299	0.4480	0.4667				
72	1.4814	1.5248	1.5693	112	0.4178	0.4354	0.4538				
73	1.4305	1.4729	1.5164	113	0.4060	0.4233	0.4412				
74	1.3817	1.4232	1.4657	114	0.3946	0.4115	0.4291				
75	1.3348	1.3753	1.4169	115	0.3836	0.4002	0.4174				
76	1.2890	1.3286	1.3692	116	0.3729	0.3891	0.4059				
77	1.2450	1.2836	1.3234	117	0.3624	0.3783	0.3948				
78	1.2027	1.2404	1.2792	118	0.3524	0.3679	0.3840				
79	1.1620	1.1989	1.2368	119	0.3426	0.3578	0.3736				
80	1.1228	1.1589	1.1960	120	0.3332	0.3480	0.3635				