

电阻-温度特性表
R-T CONVERSION TABLE

R ₂₅ (K)	20	Tolerance	1%	Tolerance	-1%	Spec.	20K3700
B _{25/50}	3700	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	506.4149	528.5571	551.6122	1	56.7920	57.9795	59.1859
-39	477.1632	497.7272	519.1255	2	54.1731	55.2794	56.4028
-38	449.6526	468.7497	488.6090	3	51.6909	52.7216	53.7675
-37	423.8033	441.5384	459.9697	4	49.3377	50.2978	51.2714
-36	399.5305	416.0020	433.1093	5	47.1058	48.0001	48.9064
-35	377.5240	392.8634	408.7851	6	45.0323	45.8663	46.7111
-34	355.9411	370.1833	384.9568	7	43.0582	43.8357	44.6229
-33	335.7296	348.9569	362.6691	8	41.1782	41.9030	42.6362
-32	316.7939	329.0822	341.8129	9	39.3876	40.0629	40.7456
-31	299.0457	310.4647	322.2875	10	37.6818	38.3106	38.9460
-30	282.4033	293.0173	303.9998	11	35.9972	36.5810	37.1706
-29	266.7197	276.5845	286.7855	12	34.4025	34.9445	35.4914
-28	252.0072	261.1781	270.6558	13	32.8922	33.3952	33.9026
-27	238.1997	246.7277	255.5354	14	31.4613	31.9281	32.3986
-26	225.2359	233.1679	241.3552	15	30.1050	30.5381	30.9743
-25	213.0593	220.4387	228.0509	16	28.8381	29.2403	29.6451
-24	201.6973	208.5677	215.6505	17	27.6315	28.0047	28.3801
-23	191.0089	197.4066	203.9982	18	26.4818	26.8280	27.1760
-22	180.9502	186.9089	193.0445	19	25.3862	25.7071	26.0294
-21	171.4806	177.0313	182.7433	20	24.3418	24.6390	24.9374
-20	162.5621	167.7336	173.0523	21	23.3435	23.6185	23.8944
-19	154.1452	158.9635	163.9160	22	22.3926	22.6469	22.9018
-18	146.2136	150.7035	155.3158	23	21.4866	21.7216	21.9569
-17	138.7365	142.9211	147.2171	24	20.6232	20.8401	21.0571
-16	131.6854	135.5858	139.5878	25	19.8000	20.0000	20.2000
-15	125.0336	128.6696	132.3981	26	18.9995	19.1992	19.3991
-14	118.7823	122.1732	125.6484	27	18.2364	18.4357	18.6352
-13	112.8782	116.0408	119.2801	28	17.5089	17.7073	17.9062
-12	107.3001	110.2499	113.2696	29	16.8151	17.0125	17.2104
-11	102.0282	104.7798	107.5948	30	16.1532	16.3493	16.5461
-10	97.0440	99.6108	102.2352	31	15.5182	15.7128	15.9083
-9	92.3132	94.7070	97.1532	32	14.9112	15.1041	15.2981
-8	87.8395	90.0721	92.3522	33	14.3307	14.5218	14.7141
-7	83.6076	85.6898	87.8152	34	13.7755	13.9647	14.1551
-6	79.6030	81.5451	83.5262	35	13.2443	13.4315	13.6199
-5	75.8123	77.6237	79.4704	36	12.7457	12.9307	13.1171
-4	72.1950	73.8834	75.6038	37	12.2697	12.4525	12.6368
-3	68.7718	70.3457	71.9484	38	11.8153	11.9958	12.1779
-2	65.5314	66.9985	68.4915	39	11.3813	11.5594	11.7392
-1	62.4630	63.8304	65.2212	40	10.9666	11.1424	11.3198
0	59.5563	60.8308	62.1263				

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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	10.5456	10.7188	10.8937	81	2.6701	2.7511	2.8342	121	0.8782	0.9149	0.9530
42	10.1411	10.3116	10.4840	82	2.5908	2.6702	2.7518	122	0.8561	0.8921	0.9295
43	9.7524	9.9202	10.0899	83	2.5144	2.5922	2.6722	123	0.8346	0.8699	0.9066
44	9.3789	9.5439	9.7110	84	2.4406	2.5168	2.5953	124	0.8138	0.8484	0.8844
45	9.0199	9.1822	9.3465	85	2.3693	2.4441	2.5210	125	0.7935	0.8274	0.8628
46	8.6916	8.8512	9.0129	86	2.2974	2.3707	2.4460				
47	8.3769	8.5339	8.6929	87	2.2280	2.2997	2.3735				
48	8.0752	8.2295	8.3859	88	2.1609	2.2312	2.3034				
49	7.7858	7.9375	8.0913	89	2.0961	2.1649	2.2357				
50	7.5083	7.6573	7.8085	90	2.0335	2.1009	2.1703				
51	7.2425	7.3888	7.5374	91	1.9749	2.0409	2.1089				
52	6.9874	7.1312	7.2771	92	1.9182	1.9828	2.0495				
53	6.7426	6.8837	7.0271	93	1.8634	1.9267	1.9921				
54	6.5076	6.6462	6.7870	94	1.8104	1.8725	1.9365				
55	6.2820	6.4180	6.5563	95	1.7591	1.8200	1.8828				
56	6.0549	6.1882	6.3239	96	1.7094	1.7691	1.8306				
57	5.8365	5.9672	6.1002	97	1.6613	1.7198	1.7801				
58	5.6265	5.7545	5.8849	98	1.6148	1.6721	1.7313				
59	5.4244	5.5499	5.6777	99	1.5698	1.6260	1.6839				
60	5.2301	5.3530	5.4783	100	1.5262	1.5813	1.6381				
61	5.0628	5.1834	5.3064	101	1.4852	1.5392	1.5950				
62	4.9022	5.0206	5.1414	102	1.4455	1.4984	1.5531				
63	4.7479	4.8642	4.9828	103	1.4070	1.4589	1.5126				
64	4.5998	4.7139	4.8303	104	1.3698	1.4207	1.4733				
65	4.4575	4.5694	4.6838	105	1.3337	1.3836	1.4353				
66	4.3113	4.4210	4.5332	106	1.2979	1.3469	1.3976				
67	4.1706	4.2782	4.3881	107	1.2633	1.3113	1.3610				
68	4.0351	4.1406	4.2484	108	1.2297	1.2768	1.3255				
69	3.9047	4.0081	4.1138	109	1.1972	1.2433	1.2911				
70	3.7792	3.8805	3.9841	110	1.1657	1.2109	1.2578				
71	3.6586	3.7578	3.8594	111	1.1359	1.1803	1.2263				
72	3.5424	3.6396	3.7392	112	1.1070	1.1505	1.1957				
73	3.4304	3.5258	3.6234	113	1.0790	1.1217	1.1660				
74	3.3226	3.4160	3.5117	114	1.0518	1.0937	1.1373				
75	3.2186	3.3101	3.4039	115	1.0254	1.0666	1.1093				
76	3.1184	3.2081	3.3000	116	0.9990	1.0394	1.0813				
77	3.0218	3.1097	3.1998	117	0.9734	1.0130	1.0541				
78	2.9287	3.0148	3.1031	118	0.9486	0.9874	1.0277				
79	2.8388	2.9232	3.0097	119	0.9245	0.9626	1.0021				
80	2.7522	2.8348	2.9197	120	0.9011	0.9384	0.9773				