

电阻-温度特性表
R-T CONVERSION TABLE

R ₂₅ (K)	20	Tolerance	5%	Tolerance	-5%	Spec.	20K3950
B _{25/50}	3950	Tolerance	3%	Tolerance	-3%	Draw by	Hongying Chin
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	487.7813	567.6667	658.9836	1	56.1260	61.0927	66.3327
-39	460.3180	534.7465	619.6561	2	53.5252	58.1763	63.0735
-38	434.4399	503.7818	582.7310	3	51.0559	55.4115	59.9882
-37	410.0755	474.6805	548.0899	4	48.7111	52.7898	57.0669
-36	387.1495	447.3459	515.6098	5	46.4838	50.3031	54.3002
-35	366.2284	422.4455	486.0738	6	43.8914	47.4135	51.0902
-34	345.7810	398.1512	457.3070	7	41.5024	44.7553	48.1424
-33	326.5870	375.3866	430.3993	8	39.2985	42.3071	45.4323
-32	308.5628	354.0470	405.2202	9	37.2632	40.0502	42.9379
-31	291.6308	334.0355	381.6496	10	35.3820	37.9673	40.6397
-30	275.7188	315.2623	359.5759	11	34.1332	36.5866	39.1183
-29	260.8103	297.7034	338.9656	12	32.9014	35.2262	37.6210
-28	246.7852	281.2131	319.6429	13	31.6882	33.8879	36.1497
-27	233.5865	265.7211	301.5208	14	30.4951	32.5733	34.7061
-26	221.1613	251.1616	284.5183	15	29.3235	31.2839	33.2919
-25	209.4603	237.4738	268.5608	16	28.0565	29.8913	31.7666
-24	198.6671	224.8689	253.8900	17	26.8490	28.5660	30.3168
-23	188.4750	212.9854	240.0815	18	25.6980	27.3044	28.9386
-22	178.8479	201.7788	227.0807	19	24.6006	26.1031	27.6281
-21	169.7521	191.2079	214.8371	20	23.5540	24.9590	26.3817
-20	161.1559	181.2337	203.3033	21	22.5494	23.8623	25.1885
-19	153.0157	171.8037	192.4163	22	21.5944	22.8211	24.0572
-18	145.3201	162.9030	182.1568	23	20.6862	21.8323	22.9842
-17	138.0428	154.4995	172.4858	24	19.8222	20.8928	21.9662
-16	131.1593	146.5634	163.3671	25	19.0000	20.0000	21.0000
-15	124.6467	139.0667	154.7670	26	18.1700	19.1512	20.1350
-14	118.6231	132.1436	146.8371	27	17.3817	18.3440	19.3113
-13	112.9072	125.5842	139.3354	28	16.6328	17.5762	18.5267
-12	107.4823	119.3684	132.2374	29	15.9210	16.8455	17.7791
-11	102.3329	113.4770	125.5202	30	15.2444	16.1500	17.0666
-10	97.4440	107.8922	119.1621	31	14.6035	15.4904	16.3901
-9	92.8226	102.6210	113.1701	32	13.9947	14.8630	15.7458
-8	88.4313	97.6198	107.4935	33	13.4159	14.2659	15.1318
-7	84.2582	92.8741	102.1150	34	12.8657	13.6975	14.5466
-6	80.2917	88.3701	97.0181	35	12.3423	13.1561	13.9886
-5	76.5212	84.0950	92.1874	36	11.8245	12.6199	13.4352
-4	72.9329	79.5801	87.0938	37	11.3289	12.1062	12.9044
-3	68.7896	75.3495	82.3287	38	10.8547	11.6139	12.3950
-2	65.2743	71.3831	77.8685	39	10.4009	11.1421	11.9064
-1	61.9713	67.6623	73.6912	40	9.9664	10.6900	11.4375
0	58.8662	64.1699	69.7766				

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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)	T(°C)	R _{Low} (K Ω)	R _{Center} (K Ω)	R _{High} (K Ω)
41	9.5589	10.2654	10.9965	81	2.1342	2.3942	2.6792	121	0.6635	0.7702	0.8917				
42	9.1694	9.8590	10.5740	82	2.0634	2.3171	2.5955	122	0.6381	0.7415	0.8595				
43	8.7971	9.4701	10.1691	83	1.9954	2.2429	2.5148	123	0.6137	0.7139	0.8284				
44	8.4411	9.0978	9.7812	84	1.9299	2.1714	2.4370	124	0.5901	0.6872	0.7984				
45	8.1007	8.7414	9.4093	85	1.8668	2.1024	2.3619	125	0.5674	0.6616	0.7694				
46	7.7785	8.4036	9.0564	86	1.8062	2.0362	2.2897								
47	7.4704	8.0803	8.7182	87	1.7479	1.9723	2.2199								
48	7.1758	7.7708	8.3940	88	1.6917	1.9107	2.1527								
49	6.8940	7.4743	8.0833	89	1.6376	1.8513	2.0877								
50	6.6245	7.1905	7.7853	90	1.5854	1.7940	2.0251								
51	6.3683	6.9204	7.5015	91	1.5354	1.7391	1.9649								
52	6.1233	6.6617	7.2293	92	1.4872	1.6861	1.9068								
53	5.8887	6.4138	6.9682	93	1.4408	1.6349	1.8506								
54	5.6643	6.1763	6.7178	94	1.3960	1.5856	1.7964								
55	5.4494	5.9487	6.4775	95	1.3528	1.5379	1.7440								
56	5.2402	5.7269	6.2431	96	1.3112	1.4919	1.6934								
57	5.0399	5.5142	6.0181	97	1.2710	1.4475	1.6445								
58	4.8479	5.3101	5.8019	98	1.2322	1.4046	1.5972								
59	4.6639	5.1143	5.5943	99	1.1948	1.3632	1.5515								
60	4.4875	4.9264	5.3948	100	1.1587	1.3232	1.5073								
61	4.3273	4.7556	5.2133	101	1.1309	1.2924	1.4733								
62	4.1738	4.5918	5.0390	102	1.1041	1.2627	1.4404								
63	4.0268	4.4347	4.8716	103	1.0783	1.2339	1.4086								
64	3.8858	4.2839	4.7109	104	1.0533	1.2062	1.3778								
65	3.7507	4.1392	4.5565	105	1.0292	1.1794	1.3481								
66	3.6151	3.9938	4.4012	106	1.0005	1.1474	1.3127								
67	3.4850	3.8542	4.2518	107	0.9727	1.1165	1.2784								
68	3.3601	3.7200	4.1081	108	0.9459	1.0866	1.2451								
69	3.2401	3.5910	3.9699	109	0.9200	1.0577	1.2130								
70	3.1249	3.4670	3.8368	110	0.8949	1.0297	1.1818								
71	3.0160	3.3496	3.7107	111	0.8754	1.0079	1.1576								
72	2.9114	3.2367	3.5894	112	0.8566	0.9869	1.1341								
73	2.8108	3.1281	3.4725	113	0.8384	0.9665	1.1114								
74	2.7143	3.0237	3.3600	114	0.8208	0.9468	1.0894								
75	2.6214	2.9233	3.2517	115	0.8037	0.9277	1.0681								
76	2.5321	2.8265	3.1472	116	0.7794	0.9004	1.0376								
77	2.4462	2.7333	3.0466	117	0.7559	0.8741	1.0081								
78	2.3635	2.6436	2.9496	118	0.7332	0.8485	0.9796								
79	2.2841	2.5573	2.8561	119	0.7112	0.8238	0.9519								
80	2.2077	2.4742	2.7660	120	0.6899	0.7999	0.9250								