

电阻-温度特性表  
R-T CONVERSION TABLE

R <sub>25</sub> (K)	50	Tolerance	1%	Tolerance	-1%	Spec.	50K3950
B <sub>25/50</sub>	3950	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	1813.4050	1899.5751	1989.6409	1	154.3499	157.7103	161.1278
-39	1710.1614	1790.3652	1874.1429	2	146.9163	150.0400	153.2148
-38	1611.2739	1685.8254	1763.6499	3	139.8665	142.7694	145.7180
-37	1517.0856	1586.3137	1658.5350	4	133.1795	135.8763	138.6139
-36	1427.7495	1491.9861	1558.9569	5	126.8351	129.3397	131.8806
-35	1354.4194	1414.6032	1477.3134	6	120.8827	123.2099	125.5694
-34	1271.8110	1327.4799	1385.4470	7	115.2227	117.3841	119.5741
-33	1194.6320	1246.1345	1299.7273	8	109.8403	111.8466	113.8783
-32	1122.4994	1170.1557	1219.7133	9	104.7210	106.5824	108.4661
-31	1055.0590	1099.1640	1144.9982	10	99.8513	101.5774	103.3229
-30	991.9833	1032.8081	1075.2056	11	94.8874	96.4780	98.0853
-29	931.8041	969.5392	1008.7016	12	90.2271	91.6928	93.1730
-28	875.5944	910.4808	946.6625	13	85.8490	87.1998	88.5630
-27	823.0712	855.3303	888.7649	14	81.7336	82.9785	84.2339
-26	773.9735	803.8088	834.7106	15	77.8630	79.0102	80.1663
-25	728.0600	755.6584	784.2246	16	74.3799	75.4409	76.5094
-24	688.0257	713.6988	740.2557	17	71.0602	72.0406	73.0272
-23	650.2811	674.1614	698.8487	18	67.8958	68.8009	69.7111
-22	614.6895	636.9005	659.8481	19	64.8791	65.7138	66.5526
-21	581.1229	601.7796	623.1082	20	62.0029	62.7718	63.5439
-20	549.4611	568.6705	588.4926	21	59.2175	59.9240	60.6330
-19	518.4238	536.2330	554.5986	22	56.5836	57.2324	57.8829
-18	489.2606	505.7722	522.7887	23	54.0917	54.6871	55.2835
-17	461.8509	477.1595	492.9261	24	51.7333	52.2791	52.8255
-16	436.0821	450.2753	464.8840	25	49.5000	50.0000	50.5000
-15	411.8494	425.0084	438.5440	26	47.3425	47.8419	48.3416
-14	389.3706	401.5836	414.1383	27	45.2996	45.7974	46.2960
-13	368.1870	379.5211	391.1650	28	43.3642	43.8596	44.3563
-12	348.2199	358.7372	369.5353	29	41.5299	42.0224	42.5164
-11	329.3953	339.1537	349.1662	30	39.7906	40.2795	40.7704
-10	311.6443	320.6973	329.9802	31	38.1173	38.6020	39.0891
-9	295.6854	304.1132	312.7500	32	36.5227	37.0028	37.4855
-8	280.5436	288.3867	296.4194	33	35.0028	35.4779	35.9558
-7	266.1772	273.4735	280.9416	34	33.5537	34.0233	34.4961
-6	252.5465	259.3314	266.2719	35	32.1717	32.6356	33.1029
-5	239.6138	245.9206	252.3681	36	30.8599	31.3177	31.7792
-4	220.6240	226.2422	231.9803	37	29.6090	30.0607	30.5161
-3	203.6036	208.6191	213.7368	38	28.4161	28.8612	29.3105
-2	188.3210	192.8080	197.3822	39	27.2780	27.7165	28.1594
-1	174.5750	178.5977	182.6949	40	26.1919	26.6238	27.0600
0	162.1901	165.8042	169.4818				

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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	25.1802	25.6054	26.0351	81	5.7700	5.9537	6.1425	121	1.8295	1.9093	1.9924
42	24.2163	24.6347	25.0578	82	5.5800	5.7595	5.9442	122	1.7772	1.8553	1.9366
43	23.2976	23.7092	24.1257	83	5.3970	5.5725	5.7531	123	1.7265	1.8029	1.8824
44	22.4217	22.8265	23.2362	84	5.2208	5.3923	5.5689	124	1.6775	1.7521	1.8300
45	21.5863	21.9842	22.3873	85	5.0510	5.2187	5.3913	125	1.6299	1.7030	1.7791
46	20.7166	21.1071	21.5029	86	4.8872	5.0510	5.2198				
47	19.8827	20.2657	20.6541	87	4.7293	4.8894	5.0545				
48	19.0829	19.4585	19.8394	88	4.5771	4.7336	4.8950				
49	18.3160	18.6840	19.0575	89	4.4304	4.5834	4.7412				
50	17.5804	17.9409	18.3070	90	4.2890	4.4386	4.5928				
51	16.9133	17.2668	17.6259	91	4.1511	4.2972	4.4480				
52	16.2747	16.6212	16.9733	92	4.0180	4.1608	4.3082				
53	15.6632	16.0027	16.3479	93	3.8897	4.0292	4.1733				
54	15.0775	15.4101	15.7485	94	3.7660	3.9023	4.0431				
55	14.5164	14.8423	15.1739	95	3.6466	3.7798	3.9174				
56	13.9725	14.2915	14.6163	96	3.5336	3.6638	3.7984				
57	13.4511	13.7634	14.0815	97	3.4246	3.5519	3.6835				
58	12.9511	13.2568	13.5683	98	3.3194	3.4438	3.5726				
59	12.4717	12.7708	13.0757	99	3.2178	3.3395	3.4654				
60	12.0118	12.3044	12.6029	100	3.1197	3.2387	3.3618				
61	11.5947	11.8813	12.1738	101	3.0590	3.1763	3.2977				
62	11.1948	11.4756	11.7622	102	3.0006	3.1162	3.2359				
63	10.8115	11.0864	11.3672	103	2.9443	3.0583	3.1764				
64	10.4439	10.7131	10.9883	104	2.8901	3.0026	3.1191				
65	10.0912	10.3549	10.6245	105	2.8379	2.9489	3.0639				
66	9.7319	9.9898	10.2535	106	2.7679	2.8768	2.9897				
67	9.3868	9.6390	9.8970	107	2.7001	2.8071	2.9180				
68	9.0552	9.3018	9.5542	108	2.6346	2.7396	2.8485				
69	8.7367	8.9778	9.2246	109	2.5712	2.6743	2.7813				
70	8.4306	8.6663	8.9077	110	2.5098	2.6111	2.7162				
71	8.1386	8.3691	8.6052	111	2.4396	2.5388	2.6418				
72	7.8580	8.0833	8.3143	112	2.3717	2.4688	2.5697				
73	7.5882	7.8085	8.0344	113	2.3060	2.4011	2.4999				
74	7.3288	7.5441	7.7650	114	2.2424	2.3355	2.4322				
75	7.0793	7.2898	7.5058	115	2.1807	2.2719	2.3667				
76	6.8394	7.0452	7.2565	116	2.1174	2.2066	2.2993				
77	6.6087	6.8099	7.0165	117	2.0560	2.1433	2.2340				
78	6.3867	6.5833	6.7853	118	1.9967	2.0820	2.1707				
79	6.1730	6.3652	6.5628	119	1.9392	2.0226	2.1094				
80	5.9674	6.1552	6.3484	120	1.8835	1.9651	2.0500				