

电阻-温度特性表  
R-T CONVERSION TABLE

R <sub>25</sub> (K)	30	Tolerance	1%	Tolerance	-1%	Spec.	30K3950
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	945.9037	989.4514	1034.9004	1	91.4394	93.4181	95.4302
-39	887.0289	927.2640	969.2272	2	86.9465	88.7828	90.6488
-38	832.0411	869.2199	907.9692	3	82.7017	84.4057	86.1362
-37	780.7002	815.0604	850.8477	4	78.6899	80.2710	81.8755
-36	732.7718	764.5331	797.5913	5	74.8971	76.3638	77.8514
-35	688.9268	718.3399	748.9338	6	72.0318	73.4134	74.8141
-34	646.9192	674.1102	702.3739	7	69.2199	70.5193	71.8358
-33	607.7418	632.8867	659.0060	8	66.4645	67.6843	68.9197
-32	571.1865	594.4464	618.5915	9	63.7681	64.9113	66.0684
-31	537.0618	558.5843	580.9112	10	61.1330	62.2024	63.2843
-30	505.1911	525.1118	545.7634	11	57.7060	58.6813	59.6671
-29	475.2077	493.6410	512.7380	12	54.5489	55.4393	56.3387
-28	447.1985	464.2603	481.9249	13	51.6376	52.4514	53.2727
-27	421.0211	436.8180	453.1622	14	48.9500	49.6946	50.4455
-26	396.5444	411.1741	426.3008	15	46.4666	47.1486	47.8359
-25	373.6474	387.1996	401.2033	16	44.3834	45.0140	45.6490
-24	352.5930	365.1676	378.1528	17	42.4044	42.9871	43.5734
-23	332.8440	344.5136	356.5567	18	40.5238	41.0618	41.6028
-22	314.3123	325.1440	336.3153	19	38.7361	39.2325	39.7313
-21	296.9161	306.9716	317.3360	20	37.0365	37.4941	37.9535
-20	280.5795	289.9160	299.5333	21	35.4178	35.8393	36.2621
-19	265.0713	273.7345	282.6527	22	33.8791	34.2669	34.6556
-18	250.5128	258.5527	266.8239	23	32.4160	32.7724	33.1293
-17	236.8403	244.3029	251.9753	24	31.0242	31.3514	31.6789
-16	223.9949	230.9226	238.0407	25	29.7000	30.0000	30.3000
-15	211.9217	218.3537	224.9585	26	28.4148	28.7144	29.0142
-14	200.6358	206.6111	212.7430	27	27.1924	27.4910	27.7902
-13	190.0135	195.5649	201.2584	28	26.0293	26.3265	26.6246
-12	180.0121	185.1702	190.4570	29	24.9223	25.2178	25.5143
-11	170.5920	175.3849	180.2944	30	23.8685	24.1619	24.4564
-10	161.7163	166.1701	170.7295	31	22.8672	23.1581	23.4503
-9	153.3631	157.5024	161.7374	32	21.9141	22.2022	22.4918
-8	145.4858	149.3330	153.2666	33	21.0065	21.2915	21.5783
-7	138.0548	141.6304	145.2842	34	20.1420	20.4238	20.7075
-6	131.0424	134.3657	137.7594	35	19.3183	19.5967	19.8772
-5	124.4229	127.5115	130.6637	36	18.5341	18.8089	19.0859
-4	118.1046	120.9727	123.8980	37	17.7866	18.0577	18.3310
-3	112.1445	114.8077	117.5225	38	17.0738	17.3411	17.6107
-2	106.5200	108.9931	111.5124	39	16.3940	16.6573	16.9232
-1	101.2106	103.5069	105.8447	40	15.7455	16.0048	16.2667
0	96.1967	98.3287	100.4980				

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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	15.0069	15.2613	15.5185	81	3.4760	3.5865	3.7001	121	1.0186	1.0638	1.1109
42	14.2934	14.5427	14.7948	82	3.3632	3.4712	3.5824	122	0.9905	1.0348	1.0809
43	13.6046	13.8487	14.0957	83	3.2545	3.3601	3.4689	123	0.9634	1.0067	1.0519
44	12.9404	13.1791	13.4208	84	3.1498	3.2531	3.3595	124	0.9370	0.9795	1.0237
45	12.3005	12.5337	12.7700	85	3.0490	3.1500	3.2540	125	0.9115	0.9531	0.9964
46	11.9044	12.1340	12.3668	86	2.9508	3.0496	3.1513				
47	11.5327	11.7588	11.9882	87	2.8562	2.9527	3.0522				
48	11.1837	11.4065	11.6325	88	2.7650	2.8594	2.9567				
49	10.8560	11.0755	11.2983	89	2.6771	2.7694	2.8645				
50	10.5482	10.7645	10.9842	90	2.5923	2.6825	2.7756				
51	10.1486	10.3607	10.5761	91	2.5105	2.5986	2.6896				
52	9.7660	9.9739	10.1852	92	2.4315	2.5177	2.6067				
53	9.3997	9.6034	9.8105	93	2.3554	2.4396	2.5266				
54	9.0488	9.2484	9.4514	94	2.2819	2.3643	2.4494				
55	8.7127	8.9082	9.1072	95	2.2110	2.2915	2.3748				
56	8.3902	8.5816	8.7766	96	2.1425	2.2212	2.3026				
57	8.0810	8.2685	8.4595	97	2.0764	2.1533	2.2329				
58	7.7847	7.9683	8.1554	98	2.0126	2.0878	2.1656				
59	7.5006	7.6803	7.8635	99	1.9509	2.0245	2.1006				
60	7.2282	7.4041	7.5835	100	1.8914	1.9634	2.0378				
61	6.9706	7.1428	7.3185	101	1.8362	1.9066	1.9794				
62	6.7235	6.8921	7.0641	102	1.7828	1.8517	1.9230				
63	6.4865	6.6515	6.8200	103	1.7312	1.7986	1.8685				
64	6.2591	6.4206	6.5855	104	1.6814	1.7474	1.8157				
65	6.0409	6.1989	6.3603	105	1.6332	1.6978	1.7647				
66	5.8289	5.9835	6.1416	106	1.5846	1.6477	1.7132				
67	5.6255	5.7767	5.9313	107	1.5376	1.5993	1.6633				
68	5.4300	5.5779	5.7293	108	1.4921	1.5525	1.6151				
69	5.2423	5.3869	5.5350	109	1.4481	1.5072	1.5685				
70	5.0619	5.2034	5.3483	110	1.4057	1.4634	1.5233				
71	4.8866	5.0250	5.1667	111	1.3651	1.4215	1.4802				
72	4.7182	4.8535	4.9921	112	1.3258	1.3811	1.4385				
73	4.5563	4.6885	4.8241	113	1.2878	1.3419	1.3981				
74	4.4005	4.5298	4.6624	114	1.2511	1.3040	1.3590				
75	4.2508	4.3772	4.5069	115	1.2155	1.2673	1.3211				
76	4.1089	4.2325	4.3594	116	1.1797	1.2303	1.2829				
77	3.9725	4.0933	4.2174	117	1.1450	1.1945	1.2459				
78	3.8412	3.9594	4.0808	118	1.1115	1.1598	1.2101				
79	3.7148	3.8304	3.9491	119	1.0790	1.1262	1.1755				
80	3.5932	3.7062	3.8224	120	1.0476	1.0938	1.1419				