

电阻-温度特性表
R-T CONVERSION TABLE

R ₂₅ (K)	2	Tolerance	1%	Tolerance	-1%	Spec.	2K3150
B _{25/50}	3150	Tolerance	1%	Tolerance	-1%	Draw by	Hongyin 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	31.8338	33.0702	34.3512	1	4.1313	4.2042	4.2779
-39	30.2551	31.4141	32.6142	2	4.1543	4.2278	4.3021
-38	28.7528	29.8389	30.9629	3	4.1632	4.2369	4.3115
-37	27.3259	28.3435	29.3960	4	4.1581	4.2317	4.3062
-36	25.9724	26.9258	27.9114	5	4.1393	4.2124	4.2863
-35	24.7642	25.6609	26.5874	6	3.9863	4.0551	4.1247
-34	23.5309	24.3703	25.2372	7	3.8393	3.9041	3.9696
-33	22.3674	23.1535	23.9648	8	3.6980	3.7590	3.8206
-32	21.2694	22.0057	22.7652	9	3.5622	3.6196	3.6776
-31	20.2328	20.9226	21.6338	10	3.4318	3.4857	3.5402
-30	19.2537	19.9002	20.5663	11	3.2981	3.3487	3.3996
-29	18.3351	18.9414	19.5658	12	3.1712	3.2185	3.2662
-28	17.4663	18.0350	18.6204	13	3.0504	3.0947	3.1394
-27	16.6443	17.1778	17.7268	14	2.9356	2.9771	3.0189
-26	15.8661	16.3669	16.8817	15	2.8264	2.8652	2.9043
-25	15.1293	15.5993	16.0823	16	2.7256	2.7621	2.7987
-24	14.4290	14.8701	15.3231	17	2.6289	2.6630	2.6974
-23	13.7655	14.1796	14.6047	18	2.5360	2.5680	2.6002
-22	13.1368	13.5256	13.9245	19	2.4467	2.4767	2.5069
-21	12.5409	12.9060	13.2803	20	2.3610	2.3891	2.4173
-20	11.9757	12.3186	12.6701	21	2.2782	2.3045	2.3308
-19	11.4393	11.7614	12.0914	22	2.1989	2.2234	2.2480
-18	10.9304	11.2330	11.5428	23	2.1228	2.1458	2.1687
-17	10.4472	10.7316	11.0225	24	2.0499	2.0713	2.0928
-16	9.9885	10.2557	10.5289	25	1.9800	2.0000	2.0200
-15	9.5527	9.8038	10.0605	26	1.9116	1.9316	1.9516
-14	9.1407	9.3768	9.6181	27	1.8461	1.8660	1.8860
-13	8.7490	8.9710	9.1977	28	1.7832	1.8031	1.8230
-12	8.3763	8.5851	8.7982	29	1.7229	1.7427	1.7625
-11	8.0217	8.2180	8.4183	30	1.6650	1.6847	1.7045
-10	7.6841	7.8688	8.0571	31	1.6091	1.6287	1.6484
-9	7.3646	7.5383	7.7154	32	1.5553	1.5748	1.5943
-8	7.0600	7.2235	7.3900	33	1.5036	1.5229	1.5423
-7	6.7697	6.9235	7.0801	34	1.4538	1.4730	1.4923
-6	6.4929	6.6376	6.7849	35	1.4059	1.4249	1.4441
-5	6.2289	6.3651	6.5036	36	1.3599	1.3787	1.3977
-4	5.9813	6.1001	6.2208	37	1.3156	1.3343	1.3531
-3	5.7431	5.8572	5.9729	38	1.2729	1.2914	1.3101
-2	5.5145	5.6161	5.7190	39	1.2319	1.2502	1.2686
-1	5.2943	5.3822	5.4702	40	1.1923	1.2105	1.2287
0	5.0844	5.1662	5.2489				

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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	1.1542	1.1721	1.1902	81	0.3391	0.3486	0.3583	121	0.1191	0.1237	0.1284
42	1.1175	1.1352	1.1530	82	0.3296	0.3389	0.3484	122	0.1163	0.1208	0.1255
43	1.0821	1.0996	1.1172	83	0.3204	0.3295	0.3389	123	0.1135	0.1180	0.1226
44	1.0480	1.0652	1.0827	84	0.3115	0.3204	0.3296	124	0.1109	0.1152	0.1198
45	1.0151	1.0321	1.0494	85	0.3028	0.3116	0.3206	125	0.1083	0.1126	0.1170
46	0.9833	1.0002	1.0172	86	0.2944	0.3031	0.3119				
47	0.9527	0.9693	0.9862	87	0.2863	0.2948	0.3035				
48	0.9232	0.9396	0.9562	88	0.2785	0.2868	0.2953				
49	0.8947	0.9109	0.9273	89	0.2708	0.2790	0.2874				
50	0.8672	0.8832	0.8993	90	0.2634	0.2715	0.2797				
51	0.8401	0.8558	0.8717	91	0.2563	0.2642	0.2723				
52	0.8139	0.8294	0.8451	92	0.2495	0.2572	0.2652				
53	0.7885	0.8038	0.8193	93	0.2428	0.2504	0.2582				
54	0.7641	0.7791	0.7943	94	0.2363	0.2438	0.2514				
55	0.7404	0.7552	0.7702	95	0.2300	0.2373	0.2449				
56	0.7171	0.7317	0.7464	96	0.2239	0.2311	0.2385				
57	0.6946	0.7089	0.7234	97	0.2180	0.2251	0.2323				
58	0.6728	0.6869	0.7012	98	0.2123	0.2192	0.2263				
59	0.6517	0.6655	0.6796	99	0.2067	0.2135	0.2205				
60	0.6313	0.6449	0.6588	100	0.2013	0.2080	0.2149				
61	0.6127	0.6262	0.6398	101	0.1962	0.2028	0.2096				
62	0.5948	0.6080	0.6214	102	0.1913	0.1978	0.2044				
63	0.5775	0.5905	0.6037	103	0.1866	0.1929	0.1994				
64	0.5607	0.5735	0.5865	104	0.1819	0.1882	0.1946				
65	0.5445	0.5571	0.5699	105	0.1774	0.1836	0.1899				
66	0.5281	0.5405	0.5531	106	0.1729	0.1789	0.1851				
67	0.5122	0.5244	0.5368	107	0.1685	0.1744	0.1805				
68	0.4968	0.5088	0.5210	108	0.1642	0.1700	0.1760				
69	0.4820	0.4937	0.5057	109	0.1601	0.1658	0.1717				
70	0.4676	0.4791	0.4908	110	0.1561	0.1617	0.1674				
71	0.4539	0.4652	0.4767	111	0.1523	0.1577	0.1634				
72	0.4406	0.4517	0.4631	112	0.1485	0.1539	0.1595				
73	0.4278	0.4387	0.4499	113	0.1450	0.1503	0.1557				
74	0.4154	0.4261	0.4371	114	0.1415	0.1467	0.1521				
75	0.4034	0.4139	0.4247	115	0.1381	0.1432	0.1485				
76	0.3918	0.4021	0.4127	116	0.1346	0.1397	0.1449				
77	0.3806	0.3907	0.4011	117	0.1313	0.1363	0.1414				
78	0.3697	0.3797	0.3899	118	0.1281	0.1330	0.1380				
79	0.3592	0.3690	0.3790	119	0.1250	0.1298	0.1347				
80	0.3490	0.3586	0.3685	120	0.1220	0.1266	0.1315				