

TEMPERATURE VS RESISTANCE TABLE

R25°C=10kohm±1%				B25/85=3435K±1%			
Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (°C)	
°C	Rmin	R(t) Normal	Rmax	MIN	MAX	MIN	MAX
-40	205.265	213.786	222.639	-4.0%	4.1%	-0.66	0.69
-39	193.720	201.644	209.871	-3.9%	4.1%	-0.66	0.68
-38	182.903	190.274	197.922	-3.9%	4.0%	-0.65	0.68
-37	172.764	179.623	186.736	-3.8%	4.0%	-0.65	0.67
-36	163.256	169.640	176.256	-3.8%	3.9%	-0.64	0.67
-35	154.335	160.280	166.437	-3.7%	3.8%	-0.64	0.66
-34	145.963	151.500	157.231	-3.7%	3.8%	-0.64	0.66
-33	138.101	143.259	148.595	-3.6%	3.7%	-0.63	0.65
-32	130.715	135.522	140.492	-3.5%	3.7%	-0.63	0.65
-31	123.774	128.255	132.885	-3.5%	3.6%	-0.62	0.64
-30	117.248	121.426	125.741	-3.4%	3.6%	-0.62	0.64
-29	111.109	115.006	119.028	-3.4%	3.5%	-0.61	0.63
-28	105.333	108.969	112.719	-3.3%	3.4%	-0.61	0.63
-27	99.895	103.288	106.785	-3.3%	3.4%	-0.60	0.62
-26	94.774	97.941	101.203	-3.2%	3.3%	-0.60	0.62
-25	89.949	92.905	95.950	-3.2%	3.3%	-0.59	0.61
-24	85.401	88.162	91.003	-3.1%	3.2%	-0.59	0.61
-23	81.114	83.692	86.344	-3.1%	3.2%	-0.58	0.60
-22	77.069	79.478	81.954	-3.0%	3.1%	-0.58	0.60
-21	73.252	75.503	77.816	-3.0%	3.1%	-0.57	0.59
-20	69.650	71.754	73.913	-2.9%	3.0%	-0.57	0.58
-19	66.246	68.213	70.230	-2.9%	3.0%	-0.56	0.58
-18	63.031	64.870	66.755	-2.8%	2.9%	-0.56	0.57
-17	59.993	61.712	63.474	-2.8%	2.9%	-0.55	0.57
-16	57.121	58.728	60.375	-2.7%	2.8%	-0.55	0.56
-15	54.405	55.908	57.448	-2.7%	2.8%	-0.54	0.55
-14	51.835	53.242	54.681	-2.6%	2.7%	-0.54	0.55
-13	49.404	50.720	52.065	-2.6%	2.7%	-0.53	0.54
-12	47.102	48.333	49.592	-2.5%	2.6%	-0.52	0.54

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Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (°C)	
°C	Rmin	R(t)Normal	Rmax	MIN	MAX	MIN	MAX
-11	44.922	46.074	47.251	-2.5%	2.6%	-0.52	0.53
-10	42.857	43.935	45.036	-2.5%	2.5%	-0.51	0.52
-9	40.899	41.909	42.939	-2.4%	2.5%	-0.51	0.52
-8	39.044	39.989	40.952	-2.4%	2.4%	-0.50	0.51
-7	37.284	38.169	39.070	-2.3%	2.4%	-0.49	0.50
-6	35.615	36.443	37.286	-2.3%	2.3%	-0.49	0.50
-5	34.031	34.806	35.595	-2.2%	2.3%	-0.48	0.49
-4	32.527	33.253	33.992	-2.2%	2.2%	-0.48	0.48
-3	31.099	31.779	32.470	-2.1%	2.2%	-0.47	0.48
-2	29.743	30.379	31.026	-2.1%	2.1%	-0.46	0.47
-1	28.454	29.050	29.655	-2.1%	2.1%	-0.46	0.46
0	27.230	27.787	28.353	-2.0%	2.0%	-0.45	0.46
1	26.066	26.589	27.118	-2.0%	2.0%	-0.44	0.45
2	24.960	25.449	25.945	-1.9%	1.9%	-0.44	0.44
3	23.908	24.365	24.829	-1.9%	1.9%	-0.43	0.44
4	22.906	23.334	23.768	-1.8%	1.9%	-0.42	0.43
5	21.952	22.353	22.759	-1.8%	1.8%	-0.42	0.42
6	21.044	21.419	21.799	-1.8%	1.8%	-0.41	0.41
7	20.179	20.530	20.885	-1.7%	1.7%	-0.40	0.41
8	19.354	19.683	20.014	-1.7%	1.7%	-0.39	0.40
9	18.569	18.876	19.186	-1.6%	1.6%	-0.39	0.39
10	17.819	18.106	18.396	-1.6%	1.6%	-0.38	0.38
11	17.105	17.373	17.644	-1.5%	1.6%	-0.37	0.38
12	16.423	16.674	16.927	-1.5%	1.5%	-0.37	0.37
13	15.773	16.007	16.244	-1.5%	1.5%	-0.36	0.36
14	15.152	15.371	15.591	-1.4%	1.4%	-0.35	0.35
15	14.559	14.764	14.970	-1.4%	1.4%	-0.34	0.35
16	13.993	14.184	14.376	-1.3%	1.4%	-0.34	0.34
17	13.452	13.631	13.810	-1.3%	1.3%	-0.33	0.33
18	12.936	13.102	13.269	-1.3%	1.3%	-0.32	0.32
19	12.442	12.597	12.752	-1.2%	1.2%	-0.31	0.31
20	11.970	12.114	12.259	-1.2%	1.2%	-0.30	0.31
21	11.519	11.653	11.787	-1.2%	1.2%	-0.30	0.30
22	11.087	11.212	11.337	-1.1%	1.1%	-0.29	0.29

R25°C=10kohm±1%				B25/85=3435K±1%			
Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (°C)	
°C	Rmin	R(t)Normal	Rmax	MIN	MAX	MIN	MAX
23	10.674	10.790	10.906	-1.1%	1.1%	-0.28	0.28
24	10.278	10.386	10.494	-1.0%	1.0%	-0.27	0.27
25	9.900	10.000	10.100	-1.0%	1.0%	-0.27	0.27
26	9.531	9.631	9.730	-1.0%	1.0%	-0.28	0.28
27	9.177	9.277	9.377	-1.1%	1.1%	-0.29	0.29
28	8.839	8.938	9.037	-1.1%	1.1%	-0.30	0.30
29	8.514	8.613	8.712	-1.1%	1.2%	-0.31	0.31
30	8.204	8.302	8.401	-1.2%	1.2%	-0.32	0.32
31	7.907	8.004	8.102	-1.2%	1.2%	-0.34	0.34
32	7.622	7.718	7.816	-1.3%	1.3%	-0.35	0.35
33	7.348	7.444	7.541	-1.3%	1.3%	-0.36	0.36
34	7.086	7.182	7.278	-1.3%	1.3%	-0.37	0.37
35	6.835	6.930	7.025	-1.4%	1.4%	-0.38	0.39
36	6.594	6.688	6.782	-1.4%	1.4%	-0.40	0.40
37	6.363	6.456	6.549	-1.4%	1.4%	-0.41	0.41
38	6.141	6.233	6.325	-1.5%	1.5%	-0.42	0.42
39	5.929	6.019	6.110	-1.5%	1.5%	-0.43	0.44
40	5.724	5.813	5.904	-1.5%	1.5%	-0.45	0.45
41	5.528	5.616	5.705	-1.6%	1.6%	-0.46	0.46
42	5.340	5.427	5.514	-1.6%	1.6%	-0.47	0.48
43	5.159	5.244	5.331	-1.6%	1.7%	-0.48	0.49
44	4.985	5.069	5.155	-1.7%	1.7%	-0.50	0.50
45	4.818	4.901	4.985	-1.7%	1.7%	-0.51	0.52
46	4.657	4.739	4.822	-1.7%	1.8%	-0.52	0.53
47	4.502	4.584	4.666	-1.8%	1.8%	-0.54	0.54
48	4.354	4.434	4.515	-1.8%	1.8%	-0.55	0.56
49	4.211	4.290	4.370	-1.8%	1.9%	-0.56	0.57
50	4.074	4.151	4.230	-1.9%	1.9%	-0.58	0.58
51	3.943	4.020	4.097	-1.9%	1.9%	-0.59	0.60
52	3.818	3.893	3.969	-1.9%	2.0%	-0.60	0.61
53	3.697	3.771	3.846	-2.0%	2.0%	-0.62	0.62
54	3.580	3.653	3.727	-2.0%	2.0%	-0.63	0.64
55	3.467	3.539	3.612	-2.0%	2.1%	-0.64	0.65
56	3.359	3.429	3.501	-2.1%	2.1%	-0.66	0.67

R25°C=10kohm±1%				B25/85=3435K±1%			
Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (°C)	
°C	Rmin	R(t)Normal	Rmax	MIN	MAX	MIN	MAX
57	3.254	3.323	3.394	-2.1%	2.1%	-0.67	0.68
58	3.153	3.221	3.291	-2.1%	2.2%	-0.68	0.70
59	3.056	3.123	3.191	-2.1%	2.2%	-0.70	0.71
60	2.962	3.027	3.094	-2.2%	2.2%	-0.71	0.72
61	2.871	2.935	3.001	-2.2%	2.2%	-0.73	0.74
62	2.783	2.847	2.912	-2.2%	2.3%	-0.74	0.75
63	2.698	2.761	2.825	-2.3%	2.3%	-0.75	0.77
64	2.617	2.678	2.741	-2.3%	2.3%	-0.77	0.78
65	2.538	2.598	2.660	-2.3%	2.4%	-0.78	0.80
66	2.462	2.521	2.582	-2.4%	2.4%	-0.80	0.81
67	2.388	2.446	2.506	-2.4%	2.4%	-0.81	0.83
68	2.317	2.374	2.433	-2.4%	2.5%	-0.83	0.84
69	2.248	2.305	2.362	-2.4%	2.5%	-0.84	0.86
70	2.182	2.237	2.294	-2.5%	2.5%	-0.85	0.87
71	2.118	2.172	2.228	-2.5%	2.6%	-0.87	0.89
72	2.056	2.109	2.164	-2.5%	2.6%	-0.88	0.90
73	1.996	2.048	2.102	-2.6%	2.6%	-0.90	0.92
74	1.938	1.989	2.042	-2.6%	2.6%	-0.91	0.93
75	1.882	1.932	1.984	-2.6%	2.7%	-0.93	0.95
76	1.828	1.877	1.928	-2.6%	2.7%	-0.94	0.97
77	1.775	1.824	1.874	-2.7%	2.7%	-0.96	0.98
78	1.725	1.772	1.821	-2.7%	2.8%	-0.97	1.00
79	1.676	1.722	1.771	-2.7%	2.8%	-0.99	1.01
80	1.628	1.674	1.721	-2.8%	2.8%	-1.00	1.03
81	1.582	1.627	1.674	-2.8%	2.9%	-1.02	1.04
82	1.538	1.582	1.628	-2.8%	2.9%	-1.03	1.06
83	1.495	1.538	1.583	-2.8%	2.9%	-1.05	1.08
84	1.453	1.496	1.540	-2.9%	2.9%	-1.07	1.09
85	1.413	1.455	1.498	-2.9%	3.0%	-1.08	1.11
86	1.373	1.414	1.457	-2.9%	3.0%	-1.10	1.13
87	1.335	1.375	1.417	-2.9%	3.0%	-1.11	1.14
88	1.297	1.337	1.378	-3.0%	3.1%	-1.13	1.16
89	1.261	1.300	1.341	-3.0%	3.1%	-1.14	1.17
90	1.226	1.265	1.304	-3.0%	3.1%	-1.16	1.19

R25°C=10kohm±1%				B25/85=3435K±1%			
Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (°C)	
°C	Rmin	R(t) Normal	Rmax	MIN	MAX	MIN	MAX
91	1.193	1.230	1.269	-3.1%	3.1%	-1.17	1.21
92	1.160	1.197	1.235	-3.1%	3.2%	-1.19	1.22
93	1.128	1.164	1.201	-3.1%	3.2%	-1.21	1.24
94	1.097	1.133	1.169	-3.1%	3.2%	-1.22	1.26
95	1.067	1.102	1.138	-3.2%	3.3%	-1.24	1.27
96	1.038	1.072	1.108	-3.2%	3.3%	-1.25	1.29
97	1.010	1.044	1.078	-3.2%	3.3%	-1.27	1.31
98	0.983	1.016	1.050	-3.2%	3.3%	-1.29	1.33
99	0.957	0.989	1.022	-3.3%	3.4%	-1.30	1.34
100	0.931	0.963	0.995	-3.3%	3.4%	-1.32	1.36
101	0.906	0.937	0.969	-3.3%	3.4%	-1.34	1.38
102	0.882	0.912	0.944	-3.3%	3.4%	-1.35	1.39
103	0.858	0.888	0.919	-3.4%	3.5%	-1.37	1.41
104	0.836	0.865	0.895	-3.4%	3.5%	-1.39	1.43
105	0.813	0.842	0.872	-3.4%	3.5%	-1.40	1.45
106	0.792	0.820	0.849	-3.4%	3.6%	-1.42	1.47
107	0.771	0.799	0.828	-3.5%	3.6%	-1.44	1.48
108	0.751	0.778	0.806	-3.5%	3.6%	-1.45	1.50
109	0.732	0.758	0.786	-3.5%	3.6%	-1.47	1.52
110	0.713	0.739	0.766	-3.5%	3.7%	-1.49	1.54
111	0.694	0.720	0.746	-3.6%	3.7%	-1.50	1.56
112	0.676	0.701	0.728	-3.6%	3.7%	-1.52	1.57
113	0.659	0.684	0.709	-3.6%	3.7%	-1.54	1.59
114	0.642	0.666	0.691	-3.6%	3.8%	-1.56	1.61
115	0.626	0.649	0.674	-3.7%	3.8%	-1.57	1.63
116	0.610	0.633	0.657	-3.7%	3.8%	-1.59	1.65
117	0.594	0.617	0.641	-3.7%	3.9%	-1.61	1.67
118	0.579	0.602	0.625	-3.7%	3.9%	-1.63	1.68
119	0.565	0.587	0.610	-3.8%	3.9%	-1.64	1.70
120	0.551	0.572	0.595	-3.8%	3.9%	-1.66	1.72