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DATA FOR REFERENCE

Resistance 100.00k ohms at 25 Degree C
 Resistance Tolerance $\pm 0.5 \%$
 B Value 4261K at 25/85 Degree C
 B Value Tolerance $\pm 0.5 \%$

Temp. (°C)	Rmax. (kΩ)	Rst. (kΩ)	Rmin. (kΩ)	Tolerance (°C)
-60	15990	15510	15050	-0.39 + 0.39
-59	14790	14350	13920	-0.39 + 0.39
-58	13680	13280	12890	-0.39 + 0.39
-57	12670	12300	11950	-0.39 + 0.39
-56	11740	11410	11080	-0.38 + 0.39
-55	10890	10580	10280	-0.38 + 0.38
-54	10100	9820	9549	-0.38 + 0.38
-53	9377	9122	8873	-0.38 + 0.38
-52	8713	8478	8250	-0.38 + 0.38
-51	8101	7886	7676	-0.38 + 0.38
-50	7537	7339	7147	-0.37 + 0.38
-49	7016	6835	6658	-0.37 + 0.37
-48	6536	6370	6207	-0.37 + 0.37
-47	6093	5939	5790	-0.37 + 0.37
-46	5683	5542	5404	-0.37 + 0.37
-45	5304	5174	5047	-0.37 + 0.37
-44	4953	4833	4716	-0.36 + 0.37
-43	4628	4518	4410	-0.36 + 0.36
-42	4327	4225	4126	-0.36 + 0.36
-41	4048	3954	3862	-0.36 + 0.36
-40	3789	3702	3617	-0.36 + 0.35
-39	3543	3463	3384	-0.35 + 0.35
-38	3314	3240	3168	-0.34 + 0.34
-37	3102	3034	2967	-0.34 + 0.34
-36	2905	2842	2781	-0.34 + 0.34
-35	2722	2664	2607	-0.34 + 0.34
-34	2552	2498	2446	-0.33 + 0.34
-33	2394	2344	2296	-0.33 + 0.33

-32	2247	2201	2156	-0.33 + 0.33
-31	2110	2067	2026	-0.33 + 0.33
-30	1982	1943	1904	-0.33 + 0.32
-29	1860	1824	1788	-0.31 + 0.32
-28	1747	1713	1680	-0.31 + 0.31
-27	1641	1610	1579	-0.31 + 0.31
-26	1542	1514	1485	-0.31 + 0.31
-25	1450	1424	1397	-0.30 + 0.31
-24	1365	1340	1315	-0.30 + 0.30
-23	1285	1262	1239	-0.30 + 0.30
-22	1210	1188	1167	-0.30 + 0.30
-21	1140	1120	1101	-0.29 + 0.29
-20	1074	1056	1038	-0.29 + 0.29
-19	1012	994.9	978.6	-0.28 + 0.28
-18	953.1	937.8	922.7	-0.28 + 0.28
-17	898.5	884.3	870.3	-0.28 + 0.28
-16	847.4	834.3	821.3	-0.27 + 0.27
-15	799.6	787.4	775.4	-0.27 + 0.27
-14	754.9	743.6	732.4	-0.27 + 0.27
-13	712.9	702.4	692.1	-0.26 + 0.27
-12	673.6	663.9	654.3	-0.26 + 0.26
-11	636.7	627.7	618.8	-0.26 + 0.26
-10	602.1	593.7	585.5	-0.26 + 0.25
-9	569.0	561.2	553.6	-0.25 + 0.25
-8	537.9	530.7	523.6	-0.24 + 0.25
-7	508.8	502.1	495.5	-0.24 + 0.24
-6	481.4	475.2	469.1	-0.24 + 0.24
-5	455.7	450.0	444.3	-0.23 + 0.24
-4	431.5	426.2	421.0	-0.23 + 0.23
-3	408.8	403.9	399.0	-0.23 + 0.23
-2	387.4	382.9	378.3	-0.22 + 0.23
-1	367.3	363.1	358.9	-0.22 + 0.22
0	348.4	344.5	340.6	-0.22 + 0.22
1	330.3	326.6	323.0	-0.21 + 0.21
2	313.2	309.8	306.5	-0.21 + 0.21
3	297.1	294.0	290.9	-0.20 + 0.20
4	282.0	279.1	276.3	-0.20 + 0.20
5	267.8	265.1	262.4	-0.20 + 0.20
6	254.3	251.8	249.4	-0.19 + 0.19
7	241.6	239.3	237.0	-0.19 + 0.19
8	229.7	227.5	225.4	-0.19 + 0.19
9	218.4	216.4	214.4	-0.18 + 0.18
10	207.7	205.9	204.1	-0.18 + 0.18
11	197.5	195.8	194.1	-0.17 + 0.17
12	187.8	186.2	184.7	-0.17 + 0.17

13	178.7	177.2	175.8	-0.16 + 0.16
14	170.0	168.7	167.4	-0.16 + 0.16
15	161.9	160.6	159.4	-0.16 + 0.16
16	154.1	153.0	151.9	-0.15 + 0.15
17	146.8	145.8	144.7	-0.15 + 0.15
18	139.9	139.0	138.0	-0.14 + 0.14
19	133.4	132.5	131.6	-0.14 + 0.14
20	127.2	126.4	125.6	-0.14 + 0.13
21	121.3	120.5	119.8	-0.13 + 0.13
22	115.7	115.0	114.3	-0.13 + 0.13
23	110.4	109.7	109.1	-0.12 + 0.12
24	105.3	104.7	104.1	-0.12 + 0.12
25	100.5	100.0	99.50	-0.11 + 0.11
26	95.98	95.48	94.97	-0.12 + 0.12
27	91.69	91.19	90.69	-0.12 + 0.12
28	87.62	87.12	86.62	-0.13 + 0.13
29	83.75	83.26	82.76	-0.14 + 0.14
30	80.08	79.59	79.10	-0.14 + 0.14
31	76.56	76.07	75.58	-0.15 + 0.15
32	73.22	72.73	72.25	-0.15 + 0.15
33	70.04	69.56	69.08	-0.16 + 0.16
34	67.02	66.55	66.07	-0.16 + 0.16
35	64.15	63.68	63.21	-0.17 + 0.17
36	61.42	60.96	60.50	-0.18 + 0.18
37	58.82	58.36	57.91	-0.18 + 0.18
38	56.35	55.90	55.45	-0.19 + 0.19
39	53.99	53.55	53.11	-0.19 + 0.20
40	51.75	51.32	50.88	-0.20 + 0.20
41	49.58	49.16	48.73	-0.20 + 0.20
42	47.52	47.10	46.69	-0.21 + 0.21
43	45.56	45.14	44.74	-0.22 + 0.22
44	43.68	43.28	42.88	-0.22 + 0.22
45	41.90	41.50	41.11	-0.23 + 0.23
46	40.20	39.81	39.43	-0.24 + 0.24
47	38.58	38.20	37.82	-0.24 + 0.24
48	37.03	36.66	36.29	-0.25 + 0.25
49	35.56	35.19	34.83	-0.26 + 0.26
50	34.15	33.79	33.43	-0.26 + 0.26
51	32.79	32.44	32.09	-0.27 + 0.27
52	31.49	31.15	30.81	-0.27 + 0.27
53	30.25	29.92	29.58	-0.28 + 0.28
54	29.07	28.74	28.42	-0.29 + 0.29
55	27.94	27.62	27.30	-0.29 + 0.29
56	26.86	26.55	26.24	-0.30 + 0.30
57	25.83	25.53	25.22	-0.31 + 0.31

58	24.85	24.55	24.25	-0.31 + 0.31
59	23.91	23.61	23.32	-0.32 + 0.32
60	23.00	22.72	22.43	-0.33 + 0.32
61	22.13	21.85	21.57	-0.33 + 0.33
62	21.30	21.02	20.75	-0.34 + 0.34
63	20.50	20.23	19.97	-0.34 + 0.35
64	19.74	19.48	19.22	-0.35 + 0.35
65	19.01	18.75	18.50	-0.36 + 0.36
66	18.31	18.06	17.81	-0.37 + 0.37
67	17.64	17.39	17.15	-0.37 + 0.37
68	17.00	16.76	16.52	-0.38 + 0.38
69	16.38	16.15	15.92	-0.39 + 0.39
70	15.80	15.57	15.34	-0.39 + 0.39
71	15.22	15.00	14.78	-0.40 + 0.40
72	14.68	14.46	14.24	-0.40 + 0.41
73	14.15	13.94	13.73	-0.41 + 0.41
74	13.65	13.44	13.24	-0.42 + 0.42
75	13.17	12.97	12.76	-0.43 + 0.43
76	12.71	12.51	12.31	-0.43 + 0.44
77	12.26	12.07	11.88	-0.44 + 0.44
78	11.84	11.65	11.46	-0.45 + 0.45
79	11.43	11.24	11.06	-0.46 + 0.46
80	11.04	10.86	10.68	-0.46 + 0.46
81	10.66	10.48	10.31	-0.47 + 0.47
82	10.29	10.12	9.955	-0.48 + 0.48
83	9.940	9.775	9.614	-0.48 + 0.49
84	9.604	9.443	9.285	-0.49 + 0.49
85	9.281	9.124	8.970	-0.50 + 0.50
86	8.969	8.816	8.666	-0.50 + 0.51
87	8.669	8.520	8.373	-0.51 + 0.51
88	8.380	8.235	8.091	-0.52 + 0.52
89	8.103	7.961	7.821	-0.53 + 0.53
90	7.836	7.697	7.561	-0.54 + 0.53
91	7.578	7.442	7.309	-0.54 + 0.54
92	7.329	7.197	7.067	-0.55 + 0.55
93	7.090	6.961	6.834	-0.55 + 0.56
94	6.860	6.734	6.610	-0.56 + 0.57
95	6.639	6.516	6.395	-0.57 + 0.57
96	6.426	6.305	6.187	-0.58 + 0.58
97	6.220	6.103	5.988	-0.59 + 0.59
98	6.023	5.908	5.796	-0.60 + 0.60
99	5.833	5.721	5.611	-0.60 + 0.61
100	5.649	5.540	5.433	-0.61 + 0.61
101	5.470	5.364	5.259	-0.61 + 0.62
102	5.298	5.194	5.092	-0.62 + 0.62

103	5.132	5.031	4.931	-0.63 + 0.63
104	4.972	4.873	4.776	-0.64 + 0.64
105	4.818	4.721	4.626	-0.65 + 0.65
106	4.670	4.575	4.482	-0.65 + 0.66
107	4.527	4.434	4.343	-0.66 + 0.67
108	4.389	4.298	4.209	-0.67 + 0.67
109	4.255	4.167	4.080	-0.68 + 0.68
110	4.127	4.040	3.956	-0.69 + 0.69
111	4.002	3.918	3.835	-0.69 + 0.70
112	3.882	3.799	3.719	-0.70 + 0.70
113	3.766	3.685	3.606	-0.71 + 0.71
114	3.654	3.575	3.498	-0.72 + 0.72
115	3.546	3.469	3.393	-0.73 + 0.73
116	3.441	3.366	3.292	-0.74 + 0.74
117	3.340	3.267	3.195	-0.74 + 0.75
118	3.243	3.171	3.101	-0.75 + 0.76
119	3.149	3.079	3.010	-0.76 + 0.77
120	3.058	2.989	2.922	-0.77 + 0.77
121	2.970	2.903	2.837	-0.77 + 0.78
122	2.884	2.819	2.754	-0.78 + 0.79
123	2.801	2.737	2.675	-0.79 + 0.80
124	2.722	2.659	2.598	-0.80 + 0.80
125	2.644	2.583	2.523	-0.81 + 0.81
126	2.570	2.510	2.451	-0.82 + 0.82
127	2.498	2.439	2.382	-0.83 + 0.83
128	2.428	2.370	2.314	-0.84 + 0.84
129	2.360	2.304	2.249	-0.85 + 0.85
130	2.295	2.240	2.186	-0.86 + 0.85
131	2.231	2.178	2.125	-0.86 + 0.86
132	2.170	2.117	2.066	-0.87 + 0.87
133	2.110	2.058	2.008	-0.88 + 0.88
134	2.052	2.002	1.953	-0.88 + 0.89
135	1.996	1.947	1.899	-0.89 + 0.90
136	1.942	1.894	1.847	-0.90 + 0.91
137	1.890	1.843	1.797	-0.91 + 0.92
138	1.839	1.793	1.748	-0.92 + 0.93
139	1.790	1.745	1.701	-0.93 + 0.94
140	1.742	1.698	1.655	-0.94 + 0.94
141	1.696	1.652	1.610	-0.94 + 0.95
142	1.651	1.608	1.567	-0.95 + 0.96
143	1.607	1.566	1.525	-0.96 + 0.97
144	1.565	1.524	1.485	-0.97 + 0.98
145	1.524	1.484	1.446	-0.98 + 0.99
146	1.484	1.445	1.407	-0.99 + 1.00
147	1.446	1.408	1.371	-1.00 + 1.01

148	1.408	1.371	1.335	-1.01 + 1.02
149	1.372	1.336	1.300	-1.02 + 1.03
150	1.337	1.301	1.267	-1.03 + 1.04