



	RT Table				FILE NO.	RT103F3435BFA0-401	
					RESISTANCE	R25 = 10kOhm ± 1%	
CUSTOMER		VERSION	A0		B VALUE	B25/85 = 3435K ± 1%	
Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (℃)	
℃	Rmin	R(t)Normal	Rmax	MIN	MAX	MIN	MAX
-40	194.315	202.269	210.528	-3.9%	4.1%	-0.66	0.69
-39	183.655	191.064	198.752	-3.9%	4.0%	-0.66	0.69
-38	173.651	180.555	187.714	-3.8%	4.0%	-0.66	0.68
-37	164.260	170.694	177.363	-3.8%	3.9%	-0.65	0.68
-36	155.440	161.439	167.652	-3.7%	3.8%	-0.65	0.67
-35	147.152	152.747	158.538	-3.7%	3.8%	-0.64	0.67
-34	139.362	144.581	149.980	-3.6%	3.7%	-0.64	0.66
-33	132.036	136.905	141.940	-3.6%	3.7%	-0.64	0.66
-32	125.143	129.688	134.385	-3.5%	3.6%	-0.63	0.65
-31	118.655	122.899	127.281	-3.5%	3.6%	-0.63	0.65
-30	112.546	116.509	120.599	-3.4%	3.5%	-0.62	0.64
-29	106.792	110.493	114.312	-3.4%	3.5%	-0.62	0.64
-28	101.369	104.827	108.393	-3.3%	3.4%	-0.61	0.63
-27	96.256	99.488	102.818	-3.2%	3.3%	-0.61	0.63
-26	91.435	94.456	97.567	-3.2%	3.3%	-0.60	0.62
-25	86.886	89.710	92.617	-3.1%	3.2%	-0.60	0.61
-24	82.592	85.233	87.950	-3.1%	3.2%	-0.59	0.61
-23	78.538	81.008	83.548	-3.0%	3.1%	-0.59	0.60
-22	74.708	77.019	79.394	-3.0%	3.1%	-0.58	0.60
-21	71.090	73.252	75.473	-3.0%	3.0%	-0.58	0.59
-20	67.670	69.693	71.770	-2.9%	3.0%	-0.57	0.59
-19	64.435	66.329	68.272	-2.9%	2.9%	-0.57	0.58
-18	61.375	63.149	64.966	-2.8%	2.9%	-0.56	0.57
-17	58.480	60.140	61.841	-2.8%	2.8%	-0.56	0.57
-16	55.739	57.294	58.886	-2.7%	2.8%	-0.55	0.56
-15	53.144	54.600	56.090	-2.7%	2.7%	-0.54	0.56
-14	50.685	52.049	53.444	-2.6%	2.7%	-0.54	0.55
-13	48.356	49.633	50.939	-2.6%	2.6%	-0.53	0.54
-12	46.147	47.344	48.567	-2.5%	2.6%	-0.53	0.54
-11	44.053	45.174	46.319	-2.5%	2.5%	-0.52	0.53
-10	42.067	43.117	44.189	-2.4%	2.5%	-0.51	0.53
-9	40.182	41.166	42.170	-2.4%	2.4%	-0.51	0.52
-8	38.393	39.315	40.256	-2.3%	2.4%	-0.50	0.51
-7	36.694	37.559	38.440	-2.3%	2.3%	-0.50	0.51
-6	35.081	35.891	36.716	-2.3%	2.3%	-0.49	0.50

-5	33.548	34.307	35.080	-2.2%	2.3%	-0.48	0.49
-4	32.091	32.803	33.527	-2.2%	2.2%	-0.48	0.49
-3	30.707	31.373	32.052	-2.1%	2.2%	-0.47	0.48
-2	29.390	30.015	30.650	-2.1%	2.1%	-0.47	0.47
-1	28.137	28.723	29.317	-2.0%	2.1%	-0.46	0.47
0	26.945	27.494	28.051	-2.0%	2.0%	-0.45	0.46
1	25.810	26.325	26.846	-2.0%	2.0%	-0.45	0.45
2	24.730	25.212	25.701	-1.9%	1.9%	-0.44	0.44
3	23.701	24.153	24.610	-1.9%	1.9%	-0.43	0.44
4	22.721	23.144	23.573	-1.8%	1.9%	-0.43	0.43
5	21.787	22.184	22.585	-1.8%	1.8%	-0.42	0.42
6	20.897	21.268	21.644	-1.7%	1.8%	-0.41	0.42
7	20.049	20.396	20.747	-1.7%	1.7%	-0.40	0.41
8	19.239	19.564	19.893	-1.7%	1.7%	-0.40	0.40
9	18.467	18.771	19.079	-1.6%	1.6%	-0.39	0.39
10	17.730	18.015	18.303	-1.6%	1.6%	-0.38	0.39
11	17.027	17.294	17.562	-1.5%	1.6%	-0.38	0.38
12	16.356	16.605	16.856	-1.5%	1.5%	-0.37	0.37
13	15.715	15.948	16.182	-1.5%	1.5%	-0.36	0.36
14	15.102	15.320	15.539	-1.4%	1.4%	-0.35	0.36
15	14.517	14.720	14.925	-1.4%	1.4%	-0.35	0.35
16	13.958	14.148	14.339	-1.3%	1.4%	-0.34	0.34
17	13.423	13.600	13.779	-1.3%	1.3%	-0.33	0.33
18	12.912	13.077	13.243	-1.3%	1.3%	-0.32	0.32
19	12.423	12.577	12.732	-1.2%	1.2%	-0.31	0.32
20	11.955	12.099	12.243	-1.2%	1.2%	-0.31	0.31
21	11.507	11.641	11.776	-1.2%	1.2%	-0.30	0.30
22	11.079	11.204	11.329	-1.1%	1.1%	-0.29	0.29
23	10.669	10.785	10.901	-1.1%	1.1%	-0.28	0.28
24	10.276	10.384	10.492	-1.0%	1.0%	-0.27	0.27
25	9.900	10.000	10.100	-1.0%	1.0%	-0.27	0.27
26	9.533	9.632	9.732	-1.0%	1.0%	-0.28	0.28
27	9.181	9.280	9.380	-1.1%	1.1%	-0.29	0.29
28	8.843	8.943	9.042	-1.1%	1.1%	-0.30	0.30
29	8.521	8.620	8.719	-1.1%	1.2%	-0.31	0.31
30	8.211	8.310	8.408	-1.2%	1.2%	-0.32	0.33
31	7.915	8.012	8.110	-1.2%	1.2%	-0.34	0.34
32	7.631	7.728	7.825	-1.3%	1.3%	-0.35	0.35
33	7.358	7.454	7.551	-1.3%	1.3%	-0.36	0.36
34	7.097	7.192	7.288	-1.3%	1.3%	-0.37	0.38

35	6.846	6.940	7.035	-1.4%	1.4%	-0.39	0.39
36	6.605	6.699	6.793	-1.4%	1.4%	-0.40	0.40
37	6.374	6.467	6.560	-1.4%	1.4%	-0.41	0.41
38	6.153	6.244	6.336	-1.5%	1.5%	-0.42	0.43
39	5.940	6.030	6.122	-1.5%	1.5%	-0.43	0.44
40	5.736	5.825	5.915	-1.5%	1.5%	-0.45	0.45
41	5.539	5.628	5.717	-1.6%	1.6%	-0.46	0.46
42	5.351	5.438	5.526	-1.6%	1.6%	-0.47	0.48
43	5.170	5.256	5.343	-1.6%	1.7%	-0.49	0.49
44	4.996	5.080	5.166	-1.7%	1.7%	-0.50	0.50
45	4.828	4.912	4.996	-1.7%	1.7%	-0.51	0.52
46	4.667	4.750	4.833	-1.7%	1.8%	-0.52	0.53
47	4.513	4.594	4.676	-1.8%	1.8%	-0.54	0.54
48	4.364	4.444	4.525	-1.8%	1.8%	-0.55	0.56
49	4.221	4.300	4.379	-1.8%	1.9%	-0.56	0.57
50	4.083	4.161	4.239	-1.9%	1.9%	-0.58	0.58
51	3.950	4.027	4.104	-1.9%	1.9%	-0.59	0.60
52	3.823	3.898	3.974	-1.9%	2.0%	-0.60	0.61
53	3.700	3.774	3.849	-2.0%	2.0%	-0.62	0.63
54	3.582	3.654	3.728	-2.0%	2.0%	-0.63	0.64
55	3.468	3.539	3.612	-2.0%	2.1%	-0.64	0.65
56	3.358	3.428	3.500	-2.1%	2.1%	-0.66	0.67
57	3.252	3.322	3.392	-2.1%	2.1%	-0.67	0.68
58	3.150	3.219	3.288	-2.1%	2.2%	-0.68	0.70
59	3.052	3.119	3.187	-2.1%	2.2%	-0.70	0.71
60	2.958	3.023	3.090	-2.2%	2.2%	-0.71	0.72
61	2.866	2.931	2.997	-2.2%	2.2%	-0.73	0.74
62	2.778	2.842	2.907	-2.2%	2.3%	-0.74	0.75
63	2.693	2.756	2.820	-2.3%	2.3%	-0.75	0.77
64	2.611	2.673	2.735	-2.3%	2.3%	-0.77	0.78
65	2.533	2.593	2.654	-2.3%	2.4%	-0.78	0.80
66	2.456	2.516	2.576	-2.4%	2.4%	-0.80	0.81
67	2.383	2.441	2.500	-2.4%	2.4%	-0.81	0.83
68	2.312	2.369	2.427	-2.4%	2.5%	-0.83	0.84
69	2.243	2.299	2.357	-2.4%	2.5%	-0.84	0.86
70	2.177	2.232	2.289	-2.5%	2.5%	-0.85	0.87
71	2.113	2.167	2.223	-2.5%	2.6%	-0.87	0.89
72	2.051	2.105	2.159	-2.5%	2.6%	-0.88	0.90
73	1.992	2.044	2.097	-2.6%	2.6%	-0.90	0.92
74	1.934	1.985	2.038	-2.6%	2.6%	-0.91	0.93

75	1.878	1.929	1.980	-2.6%	2.7%	-0.93	0.95
76	1.824	1.874	1.925	-2.6%	2.7%	-0.94	0.96
77	1.772	1.821	1.871	-2.7%	2.7%	-0.96	0.98
78	1.722	1.770	1.819	-2.7%	2.8%	-0.97	1.00
79	1.673	1.720	1.768	-2.7%	2.8%	-0.99	1.01
80	1.626	1.673	1.720	-2.8%	2.8%	-1.00	1.03
81	1.581	1.626	1.673	-2.8%	2.9%	-1.02	1.04
82	1.537	1.581	1.627	-2.8%	2.9%	-1.03	1.06
83	1.494	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	1.375	1.416	1.458	-2.9%	3.0%	-1.10	1.13
87	1.337	1.378	1.419	-2.9%	3.0%	-1.11	1.14
88	1.301	1.341	1.382	-3.0%	3.0%	-1.13	1.16
89	1.266	1.305	1.345	-3.0%	3.1%	-1.14	1.17
90	1.232	1.270	1.310	-3.0%	3.1%	-1.16	1.19
91	1.199	1.237	1.276	-3.0%	3.1%	-1.18	1.21
92	1.167	1.204	1.242	-3.1%	3.2%	-1.19	1.23
93	1.136	1.173	1.210	-3.1%	3.2%	-1.21	1.24
94	1.107	1.142	1.179	-3.1%	3.2%	-1.22	1.26
95	1.078	1.113	1.149	-3.2%	3.2%	-1.24	1.28
96	1.049	1.084	1.119	-3.2%	3.3%	-1.26	1.29
97	1.022	1.056	1.091	-3.2%	3.3%	-1.27	1.31
98	0.996	1.029	1.063	-3.2%	3.3%	-1.29	1.33
99	0.970	1.003	1.036	-3.3%	3.3%	-1.31	1.35
100	0.945	0.977	1.010	-3.3%	3.4%	-1.32	1.36
101	0.921	0.953	0.985	-3.3%	3.4%	-1.34	1.38
102	0.898	0.929	0.961	-3.3%	3.4%	-1.36	1.40
103	0.875	0.906	0.937	-3.3%	3.5%	-1.37	1.42
104	0.853	0.883	0.914	-3.4%	3.5%	-1.39	1.43
105	0.832	0.861	0.891	-3.4%	3.5%	-1.41	1.45
106	0.811	0.840	0.870	-3.4%	3.5%	-1.42	1.47
107	0.791	0.819	0.848	-3.4%	3.6%	-1.44	1.49
108	0.771	0.799	0.828	-3.5%	3.6%	-1.46	1.51
109	0.753	0.780	0.808	-3.5%	3.6%	-1.47	1.52
110	0.734	0.761	0.789	-3.5%	3.6%	-1.49	1.54
111	0.716	0.743	0.770	-3.5%	3.7%	-1.51	1.56
112	0.699	0.725	0.751	-3.6%	3.7%	-1.53	1.58
113	0.682	0.707	0.734	-3.6%	3.7%	-1.54	1.60
114	0.666	0.691	0.716	-3.6%	3.7%	-1.56	1.62

115	0.650	0.674	0.700	-3.6%	3.8%	-1.58	1.63
116	0.634	0.658	0.683	-3.7%	3.8%	-1.60	1.65
117	0.619	0.643	0.667	-3.7%	3.8%	-1.61	1.67
118	0.605	0.628	0.652	-3.7%	3.8%	-1.63	1.69
119	0.590	0.613	0.637	-3.7%	3.9%	-1.65	1.71
120	0.577	0.599	0.622	-3.7%	3.9%	-1.67	1.73
121	0.563	0.585	0.608	-3.8%	3.9%	-1.69	1.75
122	0.550	0.572	0.594	-3.8%	3.9%	-1.70	1.77
123	0.537	0.559	0.581	-3.8%	4.0%	-1.72	1.79
124	0.525	0.546	0.568	-3.8%	4.0%	-1.74	1.80
125	0.513	0.534	0.555	-3.9%	4.0%	-1.76	1.82
126	0.501	0.522	0.543	-3.9%	4.0%	-1.78	1.84
127	0.490	0.510	0.530	-3.9%	4.1%	-1.80	1.86
128	0.479	0.498	0.519	-3.9%	4.1%	-1.81	1.88
129	0.468	0.487	0.507	-3.9%	4.1%	-1.83	1.90
130	0.458	0.477	0.496	-4.0%	4.1%	-1.85	1.92
131	0.447	0.466	0.485	-4.0%	4.1%	-1.87	1.94
132	0.438	0.456	0.475	-4.0%	4.2%	-1.89	1.96
133	0.428	0.446	0.464	-4.0%	4.2%	-1.91	1.98
134	0.418	0.436	0.454	-4.1%	4.2%	-1.93	2.00
135	0.409	0.427	0.445	-4.1%	4.2%	-1.94	2.02
136	0.400	0.417	0.435	-4.1%	4.3%	-1.96	2.04
137	0.392	0.408	0.426	-4.1%	4.3%	-1.98	2.06
138	0.383	0.400	0.417	-4.1%	4.3%	-2.00	2.08
139	0.375	0.391	0.408	-4.2%	4.3%	-2.02	2.10
140	0.367	0.383	0.399	-4.2%	4.3%	-2.04	2.12
141	0.359	0.375	0.391	-4.2%	4.4%	-2.06	2.15
142	0.351	0.367	0.383	-4.2%	4.4%	-2.08	2.17
143	0.344	0.359	0.375	-4.2%	4.4%	-2.10	2.19
144	0.337	0.352	0.367	-4.3%	4.4%	-2.12	2.21
145	0.330	0.344	0.360	-4.3%	4.5%	-2.14	2.23
146	0.323	0.337	0.352	-4.3%	4.5%	-2.16	2.25
147	0.316	0.330	0.345	-4.3%	4.5%	-2.18	2.27
148	0.309	0.324	0.338	-4.3%	4.5%	-2.20	2.29
149	0.303	0.317	0.331	-4.4%	4.5%	-2.22	2.31
150	0.297	0.310	0.325	-4.4%	4.6%	-2.24	2.33