

	RT Table				FILE NO.	RT103E3977BFA0-401	
					RESISTANCE	R25 = 10kOhm ± 0.1%	
CUSTOMER		VERSION	A0		B VALUE	B25/85 = 3977K ± 1%	
Temp.	Resistance(kΩ)			resistance tol. (%)		Temp.tol. (℃)	
℃	Rmin	R(t)Normal	Rmax	MIN	MAX	MIN	MAX
-40	325.281	337.266	349.692	-3.6%	3.7%	-0.51	0.53
-39	304.438	315.444	326.848	-3.5%	3.6%	-0.51	0.53
-38	285.071	295.181	305.649	-3.4%	3.5%	-0.50	0.52
-37	267.066	276.356	285.968	-3.4%	3.5%	-0.50	0.51
-36	250.320	258.857	267.686	-3.3%	3.4%	-0.49	0.51
-35	234.735	242.583	250.694	-3.2%	3.3%	-0.49	0.50
-34	220.224	227.440	234.893	-3.2%	3.3%	-0.48	0.50
-33	206.706	213.343	220.193	-3.1%	3.2%	-0.47	0.49
-32	194.107	200.212	206.509	-3.0%	3.1%	-0.47	0.48
-31	182.358	187.976	193.766	-3.0%	3.1%	-0.46	0.48
-30	171.398	176.567	181.892	-2.9%	3.0%	-0.46	0.47
-29	161.168	165.925	170.823	-2.9%	3.0%	-0.45	0.46
-28	151.615	155.994	160.499	-2.8%	2.9%	-0.45	0.46
-27	142.690	146.721	150.866	-2.7%	2.8%	-0.44	0.45
-26	134.348	138.059	141.873	-2.7%	2.8%	-0.43	0.44
-25	126.547	129.965	133.474	-2.6%	2.7%	-0.43	0.44
-24	119.249	122.396	125.626	-2.6%	2.6%	-0.42	0.43
-23	112.419	115.317	118.289	-2.5%	2.6%	-0.41	0.42
-22	106.023	108.692	111.428	-2.5%	2.5%	-0.41	0.42
-21	100.032	102.489	105.007	-2.4%	2.5%	-0.40	0.41
-20	94.417	96.680	98.997	-2.3%	2.4%	-0.39	0.40
-19	89.152	91.236	93.369	-2.3%	2.3%	-0.39	0.40
-18	84.214	86.133	88.096	-2.2%	2.3%	-0.38	0.39
-17	79.580	81.347	83.154	-2.2%	2.2%	-0.37	0.38
-16	75.230	76.857	78.519	-2.1%	2.2%	-0.37	0.37
-15	71.145	72.643	74.172	-2.1%	2.1%	-0.36	0.37
-14	67.307	68.685	70.092	-2.0%	2.0%	-0.35	0.36
-13	63.700	64.968	66.261	-2.0%	2.0%	-0.35	0.35
-12	60.308	61.475	62.664	-1.9%	1.9%	-0.34	0.35
-11	57.117	58.190	59.283	-1.8%	1.9%	-0.33	0.34
-10	54.115	55.102	56.106	-1.8%	1.8%	-0.32	0.33
-9	51.289	52.195	53.118	-1.7%	1.8%	-0.32	0.32
-8	48.627	49.460	50.307	-1.7%	1.7%	-0.31	0.31
-7	46.120	46.885	47.662	-1.6%	1.7%	-0.30	0.31
-6	43.757	44.459	45.172	-1.6%	1.6%	-0.29	0.30

-5	41.529	42.173	42.827	-1.5%	1.6%	-0.29	0.29
-4	39.428	40.018	40.618	-1.5%	1.5%	-0.28	0.28
-3	37.445	37.987	38.535	-1.4%	1.4%	-0.27	0.27
-2	35.575	36.070	36.572	-1.4%	1.4%	-0.26	0.27
-1	33.808	34.261	34.721	-1.3%	1.3%	-0.25	0.26
0	32.140	32.554	32.974	-1.3%	1.3%	-0.25	0.25
1	30.564	30.942	31.325	-1.2%	1.2%	-0.24	0.24
2	29.074	29.419	29.768	-1.2%	1.2%	-0.23	0.23
3	27.666	27.980	28.298	-1.1%	1.1%	-0.22	0.22
4	26.334	26.620	26.909	-1.1%	1.1%	-0.21	0.22
5	25.074	25.334	25.596	-1.0%	1.0%	-0.21	0.21
6	23.882	24.117	24.355	-1.0%	1.0%	-0.20	0.20
7	22.753	22.966	23.181	-0.9%	0.9%	-0.19	0.19
8	21.684	21.876	22.070	-0.9%	0.9%	-0.18	0.18
9	20.671	20.844	21.019	-0.8%	0.8%	-0.17	0.17
10	19.712	19.867	20.024	-0.8%	0.8%	-0.16	0.16
11	18.802	18.941	19.082	-0.7%	0.7%	-0.15	0.15
12	17.940	18.064	18.189	-0.7%	0.7%	-0.14	0.15
13	17.122	17.232	17.344	-0.6%	0.6%	-0.14	0.14
14	16.345	16.443	16.542	-0.6%	0.6%	-0.13	0.13
15	15.609	15.695	15.782	-0.5%	0.6%	-0.12	0.12
16	14.910	14.985	15.061	-0.5%	0.5%	-0.11	0.11
17	14.246	14.311	14.377	-0.5%	0.5%	-0.10	0.10
18	13.615	13.671	13.728	-0.4%	0.4%	-0.09	0.09
19	13.016	13.064	13.112	-0.4%	0.4%	-0.08	0.08
20	12.446	12.486	12.526	-0.3%	0.3%	-0.07	0.07
21	11.905	11.938	11.971	-0.3%	0.3%	-0.06	0.06
22	11.390	11.416	11.443	-0.2%	0.2%	-0.05	0.05
23	10.900	10.920	10.941	-0.2%	0.2%	-0.04	0.04
24	10.434	10.449	10.464	-0.1%	0.1%	-0.03	0.03
25	9.990	10.000	10.010	-0.1%	0.1%	-0.03	0.03
26	9.559	9.573	9.587	-0.1%	0.1%	-0.03	0.03
27	9.150	9.167	9.184	-0.2%	0.2%	-0.04	0.04
28	8.760	8.780	8.800	-0.2%	0.2%	-0.05	0.05
29	8.388	8.411	8.434	-0.3%	0.3%	-0.06	0.06
30	8.035	8.060	8.086	-0.3%	0.3%	-0.07	0.07
31	7.698	7.726	7.753	-0.4%	0.4%	-0.08	0.09
32	7.377	7.407	7.436	-0.4%	0.4%	-0.10	0.10
33	7.071	7.103	7.134	-0.4%	0.4%	-0.11	0.11
34	6.780	6.813	6.846	-0.5%	0.5%	-0.12	0.12

35	6.502	6.536	6.571	-0.5%	0.5%	-0.13	0.13
36	6.237	6.273	6.308	-0.6%	0.6%	-0.14	0.14
37	5.984	6.021	6.057	-0.6%	0.6%	-0.15	0.15
38	5.743	5.780	5.818	-0.6%	0.7%	-0.16	0.16
39	5.513	5.551	5.589	-0.7%	0.7%	-0.17	0.17
40	5.293	5.332	5.371	-0.7%	0.7%	-0.18	0.18
41	5.083	5.122	5.162	-0.8%	0.8%	-0.19	0.19
42	4.883	4.922	4.962	-0.8%	0.8%	-0.20	0.21
43	4.691	4.731	4.771	-0.8%	0.9%	-0.22	0.22
44	4.508	4.548	4.589	-0.9%	0.9%	-0.23	0.23
45	4.333	4.374	4.414	-0.9%	0.9%	-0.24	0.24
46	4.166	4.206	4.247	-1.0%	1.0%	-0.25	0.25
47	4.006	4.047	4.087	-1.0%	1.0%	-0.26	0.26
48	3.853	3.894	3.934	-1.0%	1.0%	-0.27	0.28
49	3.707	3.747	3.788	-1.1%	1.1%	-0.28	0.29
50	3.567	3.607	3.648	-1.1%	1.1%	-0.30	0.30
51	3.433	3.473	3.513	-1.2%	1.2%	-0.31	0.31
52	3.304	3.344	3.384	-1.2%	1.2%	-0.32	0.32
53	3.182	3.221	3.261	-1.2%	1.2%	-0.33	0.34
54	3.064	3.103	3.143	-1.3%	1.3%	-0.34	0.35
55	2.951	2.990	3.029	-1.3%	1.3%	-0.36	0.36
56	2.843	2.882	2.921	-1.3%	1.4%	-0.37	0.37
57	2.740	2.778	2.816	-1.4%	1.4%	-0.38	0.38
58	2.640	2.678	2.716	-1.4%	1.4%	-0.39	0.40
59	2.545	2.583	2.620	-1.4%	1.5%	-0.40	0.41
60	2.454	2.491	2.528	-1.5%	1.5%	-0.42	0.42
61	2.367	2.403	2.440	-1.5%	1.5%	-0.43	0.44
62	2.283	2.319	2.355	-1.5%	1.6%	-0.44	0.45
63	2.202	2.238	2.274	-1.6%	1.6%	-0.45	0.46
64	2.125	2.160	2.195	-1.6%	1.6%	-0.47	0.47
65	2.051	2.085	2.120	-1.7%	1.7%	-0.48	0.49
66	1.979	2.013	2.048	-1.7%	1.7%	-0.49	0.50
67	1.911	1.944	1.978	-1.7%	1.8%	-0.50	0.51
68	1.845	1.878	1.912	-1.8%	1.8%	-0.52	0.53
69	1.782	1.815	1.848	-1.8%	1.8%	-0.53	0.54
70	1.721	1.753	1.786	-1.8%	1.9%	-0.54	0.55
71	1.663	1.695	1.727	-1.9%	1.9%	-0.56	0.57
72	1.607	1.638	1.670	-1.9%	1.9%	-0.57	0.58
73	1.553	1.584	1.615	-1.9%	2.0%	-0.58	0.59
74	1.501	1.531	1.562	-2.0%	2.0%	-0.60	0.61

75	1.451	1.481	1.511	-2.0%	2.0%	-0.61	0.62
76	1.404	1.433	1.462	-2.0%	2.1%	-0.62	0.63
77	1.357	1.386	1.415	-2.1%	2.1%	-0.63	0.65
78	1.313	1.341	1.370	-2.1%	2.1%	-0.65	0.66
79	1.270	1.298	1.326	-2.1%	2.2%	-0.66	0.68
80	1.229	1.256	1.284	-2.2%	2.2%	-0.68	0.69
81	1.190	1.216	1.243	-2.2%	2.2%	-0.69	0.70
82	1.151	1.178	1.204	-2.2%	2.3%	-0.70	0.72
83	1.115	1.140	1.166	-2.2%	2.3%	-0.72	0.73
84	1.079	1.105	1.130	-2.3%	2.3%	-0.73	0.75
85	1.045	1.070	1.095	-2.3%	2.4%	-0.74	0.76
86	1.012	1.037	1.062	-2.3%	2.4%	-0.76	0.78
87	0.981	1.005	1.029	-2.4%	2.4%	-0.77	0.79
88	0.950	0.974	0.998	-2.4%	2.5%	-0.79	0.81
89	0.921	0.944	0.967	-2.4%	2.5%	-0.80	0.82
90	0.892	0.915	0.938	-2.5%	2.5%	-0.81	0.84
91	0.865	0.887	0.910	-2.5%	2.6%	-0.83	0.85
92	0.839	0.860	0.883	-2.5%	2.6%	-0.84	0.86
93	0.813	0.835	0.856	-2.6%	2.6%	-0.86	0.88
94	0.789	0.810	0.831	-2.6%	2.6%	-0.87	0.90
95	0.765	0.785	0.806	-2.6%	2.7%	-0.89	0.91
96	0.742	0.762	0.783	-2.6%	2.7%	-0.90	0.93
97	0.720	0.740	0.760	-2.7%	2.7%	-0.92	0.94
98	0.699	0.718	0.738	-2.7%	2.8%	-0.93	0.96
99	0.678	0.697	0.716	-2.7%	2.8%	-0.95	0.97
100	0.658	0.677	0.696	-2.8%	2.8%	-0.96	0.99
101	0.639	0.657	0.676	-2.8%	2.9%	-0.97	1.00
102	0.620	0.638	0.657	-2.8%	2.9%	-0.99	1.02
103	0.602	0.620	0.638	-2.8%	2.9%	-1.00	1.03
104	0.585	0.602	0.620	-2.9%	3.0%	-1.02	1.05
105	0.568	0.585	0.603	-2.9%	3.0%	-1.04	1.07
106	0.552	0.569	0.586	-2.9%	3.0%	-1.05	1.08
107	0.536	0.553	0.569	-3.0%	3.0%	-1.07	1.10
108	0.521	0.537	0.554	-3.0%	3.1%	-1.08	1.11
109	0.507	0.522	0.538	-3.0%	3.1%	-1.10	1.13
110	0.492	0.508	0.524	-3.0%	3.1%	-1.11	1.15