ERTJ0EV683J R-T Characteristics (for reference)

R_{25} = 68 kohm +/-5%

$B_{25/50}$ = 4700 K +/-2%

Temp.	Resistance (kohm)			Temp.	Resistance (kohm)			Temp.	Resistance (kohm)		
T(deg.C)	R min.	R cen.	R max.	T(deg.C)	R min.	R cen.	R max.	T(deg.C)	R min.	R cen.	R max.
-40	3557	4064	4631	25	64.60	68.00	71.40	90	3.453	3.850	4.281
-39	3303	3767	4286	26	61.27	64.56	67.86	91	3.325	3.710	4.129
-38	3067	3494	3969	27	58.12	61.31	64.51	92	3.202	3.575	3.982
-37	2851	3242	3677	28	55.15	58.24	61.34	93	3.084	3.446	3.841
-36	2650	3009	3409	29	52.35	55.34	58.34	94	2.972	3.323	3.706
-35	2465	2795	3161	30	49.71	52.59	55.51	95	2.863	3.204	3.576
-34	2294	2597	2933	31	47.21	50.00	52.82	96	2.760	3.090	3.451
-33	2136	2415	2723	32	44.85	47.55	50.28	97	2.660	2.981	3.332
-32	1989	2246	2529	33	42.62	45.23	47.88	98	2.565	2.876	3.217
-31	1854	2090	2350	34	40.51	43.03	45.60	99	2.473	2.775	3.106
-30	1728	1946	2185	35	38.51	40.95	43.44	100	2.385	2.678	3.000
-29	1612	1812	2032	36	36.63	38.99	41.39	101	2.301	2.586	2.898
-28	1504	1689	1891	37	34.84	37.12	39.45	102	2.220	2.497	2.800
-27	1404	1574	1760	38	33.15	35.36	37.61	103	2.142	2.411	2.706
-26	1312	1468	1639	39	31.55	33.69	35.87	104	2.068	2.329	2.616
-25	1225	1370	1527	40	30.04	32.10	34.21	105	1.996	2.250	2.529
-24	1145	1278	1423	41	28.61	30.60	32.64	106	1.928	2.174	2.445
-23	1071	1194	1327	42	27.25	29.17	31.15	107	1.862	2.101	2.365
-22	1002	1115	1238	43	25.96	27.82	29.74	108	1.798	2.030	2.287
-21	937.7	1042	1156	44	24.74	26.53	28.39	109	1.737	1.963	2.212
-20	878.0	974.8	1079	45	23.58	25.32	27.11	110	1.678	1.898	2.141
-19	822.4	911.8	1008	46	22.48	24.16	25.90	111	1.622	1.835	2.071
-18	770.6	853.2	942.4	47	21.44	23.06	24.74	112	1.568	1.775	2.005
-17	722.3	798.7	881.0	48	20.45	22.02	23.65	113	1.515	1.717	1.941
-16	677.3	748.0	824.0	49	19.51	21.03	22.60	114	1.465	1.661	1.879
-15	635.4	700.8	771.0	50	18.62	20.08	21.61	115	1.417	1.607	1.819
-14	596.3	656.8	721.7	51	17.77	19.19	20.66	116	1.370	1.555	1.761
-13	559.8	615.9	675.8	52	16.97	18.34	19.76	117	1.325	1.505	1.706
-12	525.8	577.6	633.0	53	16.20	17.53	18.91	118	1.282	1.457	1.652
-11	494.0	542.0	593.2	54	15.48	16.75	18.09	119	1.240	1.411	1.601
-10	464.3	508.8	556.1	55	14.78	16.02	17.31	120	1.200	1.366	1.551
-9	436.5	477.7	521.5	56	14.13	15.32	16.57	121	1.161	1.323	1.503
-8	410.5	448.7	489.3	57	13.50	14.65	15.87	122	1.124	1.281	1.456
-7	386.2	421.7	459.2	58	12.91	14.02	15.19	123	1.088	1.241	1.411
-6	363.5	396.4	431.1	59	12.34	13.42	14.55	124	1.053	1.202	1.368
-5	342.2	372.7	404.9	60	11.80	12.84	13.94	125	1.020	1.164	1.326
-4	322.3	350.6	380.4	61	11.29	12.30	13.36				
-3	303.6	329.9	357.5	62	10.80	11.78	12.81				
-2	286.2	310.5	336.1	63	10.34	11.28	12.28				
-1	269.8	292.4	316.1	64	9.896	10.81	11.77				
0	254.4	275.4	297.3	65	9.476	10.36	11.29				
1	240.0	259.4	279.8	66	9.076	9.928	10.83				
2	226.4	244.5	263.4	67	8.695	9.519	10.40				
3	213.7	230.5	248.0	68	8.332	9.130	9.979				
4	201.8	217.4	233.6	69	7.986	8.758	9.581				
5	190.5	205.0	220.1	70	7.657	8.404	9.201				
6	180.0	193.5	207.4	71	7.343	8.066	8.838				
7	170.1	182.6	195.6	72	7.044	7.744	8.492				
8	160.8	172.4	184.4	73	6.759	7.436	8.161				
9	152.0	162.8	174.0	74	6.486	7.142	7.845				
10	143.8	153.8	164.2	75	6.226	6.862	7.543				
11	136.0	145.4	155.0	76	5.978	6.594	7.254				
12	128.7	137.4	146.3	77	5.741	6.337	6.977				
13	121.8	129.9	138.2	78	5.515	6.092	6.713				
14	115.4	122.9	130.6	79	5.298	5.858	6.459				
15	109.3	116.3	123.4	80	5.091	5.633	6.217				
16	103.5	110.0	116.7	81	4.894	5.418	5.985				
17	98.14	104.2	110.3	82	4.704	5.213	5.762				
18	93.04	98.67	104.4	83	4.523	5.016	5.549				
19	88.23	93.47	98.77	84	4.350	4.827	5.344				
20	83.70	88.58	93.50	85	4.184	4.647	5.148				
21	79.43	83.96	88.53	86	4.025	4.474	4.960				
22	75.39	79.61	83.86	87	3.873	4.308	4.780				
23	71.59	75.51	79.46	88	3.727	4.149	4.607				
24	67.99	71.65	75.31	89	3.587	3.996	4.441				
25	64.60	68.00	71.40	90	3.453	3.850	4.281				