

ERTJ0EV104F R-T Characteristics

(for reference)

$$R_{25} = 100 \text{ kohm } \pm 1\%$$

$$B_{25/50} = 4700 \text{ K } \pm 1\%$$

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	5679	5976	6288	25	99.00	100.0	101.0	90	5.446	5.662	5.885
-39	5268	5540	5824	26	93.94	94.94	95.94	91	5.246	5.456	5.673
-38	4890	5138	5397	27	89.16	90.16	91.15	92	5.054	5.258	5.469
-37	4541	4767	5004	28	84.65	85.64	86.63	93	4.870	5.068	5.274
-36	4218	4425	4642	29	80.40	81.38	82.36	94	4.694	4.886	5.086
-35	3921	4110	4309	30	76.37	77.34	78.32	95	4.524	4.712	4.906
-34	3646	3819	4001	31	72.57	73.53	74.49	96	4.362	4.544	4.734
-33	3392	3551	3717	32	68.98	69.92	70.88	97	4.206	4.383	4.568
-32	3157	3303	3454	33	65.58	66.51	67.45	98	4.057	4.229	4.409
-31	2940	3073	3212	34	62.36	63.28	64.21	99	3.913	4.081	4.256
-30	2739	2861	2988	35	59.32	60.23	61.14	100	3.775	3.939	4.109
-29	2553	2665	2781	36	56.45	57.33	58.23	101	3.643	3.802	3.968
-28	2381	2483	2590	37	53.72	54.59	55.47	102	3.516	3.671	3.833
-27	2221	2315	2413	38	51.14	52.00	52.86	103	3.395	3.545	3.703
-26	2073	2159	2249	39	48.70	49.54	50.39	104	3.278	3.425	3.577
-25	1935	2014	2097	40	46.38	47.21	48.04	105	3.165	3.308	3.457
-24	1807	1880	1955	41	44.19	44.99	45.81	106	3.058	3.197	3.342
-23	1689	1755	1825	42	42.11	42.90	43.69	107	2.954	3.089	3.231
-22	1579	1640	1704	43	40.14	40.91	41.69	108	2.854	2.986	3.124
-21	1477	1533	1591	44	38.27	39.02	39.78	109	2.758	2.887	3.021
-20	1382	1433	1487	45	36.49	37.23	37.97	110	2.666	2.791	2.922
-19	1293	1341	1390	46	34.81	35.53	36.26	111	2.577	2.699	2.826
-18	1211	1255	1300	47	33.21	33.91	34.62	112	2.492	2.610	2.734
-17	1135	1175	1216	48	31.70	32.38	33.07	113	2.409	2.525	2.646
-16	1063	1100	1138	49	30.26	30.92	31.60	114	2.330	2.443	2.561
-15	996.8	1031	1065	50	28.89	29.54	30.20	115	2.254	2.364	2.478
-14	934.8	965.9	998.0	51	27.59	28.22	28.86	116	2.181	2.287	2.399
-13	877.1	905.7	935.1	52	26.35	26.97	27.59	117	2.110	2.214	2.323
-12	823.2	849.5	876.5	53	25.17	25.77	26.39	118	2.042	2.143	2.249
-11	772.9	797.1	821.9	54	24.05	24.64	25.24	119	1.976	2.075	2.178
-10	725.9	748.2	771.0	55	22.99	23.56	24.14	120	1.913	2.009	2.110
-9	682.1	702.5	723.5	56	21.97	22.53	23.10	121	1.851	1.945	2.044
-8	641.1	659.9	679.2	57	21.01	21.55	22.10	122	1.792	1.884	1.980
-7	602.8	620.1	637.8	58	20.09	20.62	21.16	123	1.736	1.825	1.918
-6	567.0	582.9	599.2	59	19.22	19.73	20.26	124	1.681	1.768	1.859
-5	533.5	548.1	563.1	60	18.39	18.89	19.40	125	1.628	1.712	1.801
-4	502.1	515.6	529.3	61	17.60	18.08	18.58				
-3	472.7	485.1	497.8	62	16.85	17.32	17.80				
-2	445.2	456.6	468.2	63	16.13	16.59	17.06				
-1	419.5	429.9	440.6	64	15.45	15.89	16.35				
0	395.3	405.0	414.8	65	14.80	15.23	15.68				
1	372.7	381.5	390.5	66	14.18	14.60	15.03				
2	351.5	359.6	367.9	67	13.59	14.00	14.42				
3	331.5	339.0	346.6	68	13.03	13.43	13.84				
4	312.8	319.7	326.6	69	12.49	12.88	13.28				
5	295.2	301.5	307.9	70	11.98	12.36	12.75				
6	278.7	284.5	290.4	71	11.50	11.86	12.24				
7	263.2	268.5	273.9	72	11.03	11.39	11.75				
8	248.7	253.5	258.5	73	10.59	10.94	11.29				
9	235.0	239.4	244.0	74	10.17	10.50	10.85				
10	222.1	226.2	230.3	75	9.763	10.09	10.43				
11	210.0	213.8	217.6	76	9.378	9.696	10.02				
12	198.6	202.1	205.5	77	9.010	9.319	9.639				
13	187.9	191.1	194.2	78	8.658	8.959	9.269				
14	177.9	180.7	183.6	79	8.321	8.614	8.916				
15	168.4	171.0	173.6	80	7.999	8.284	8.578				
16	159.5	161.8	164.2	81	7.692	7.968	8.254				
17	151.0	153.2	155.4	82	7.397	7.666	7.944				
18	143.1	145.1	147.1	83	7.115	7.377	7.647				
19	135.7	137.5	139.3	84	6.845	7.099	7.362				
20	128.6	130.3	131.9	85	6.586	6.834	7.090				
21	122.0	123.5	125.0	86	6.338	6.579	6.828				
22	115.7	117.1	118.4	87	6.101	6.335	6.577				
23	109.8	111.0	112.3	88	5.873	6.101	6.337				
24	104.3	105.4	106.5	89	5.655	5.877	6.106				
25	99.00	100.0	101.0	90	5.446	5.662	5.885				