

## ERTJ0EV104H R-T Characteristics

(for reference)

$$R_{25} = 100 \text{ kohm } \pm 3\%$$

$$B_{25/50} = 4700 \text{ K } \pm 2\%$$

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	5342	5976	6680	25	97.00	100.0	103.0	90	5.185	5.662	6.176
-39	4959	5540	6183	26	91.99	94.94	97.89	91	4.993	5.456	5.956
-38	4606	5138	5726	27	87.27	90.16	93.06	92	4.808	5.258	5.744
-37	4280	4767	5305	28	82.82	85.64	88.49	93	4.631	5.068	5.541
-36	3979	4425	4917	29	78.61	81.38	84.16	94	4.462	4.886	5.346
-35	3701	4110	4560	30	74.64	77.34	80.07	95	4.299	4.712	5.159
-34	3445	3819	4231	31	70.89	73.53	76.20	96	4.144	4.544	4.979
-33	3207	3551	3928	32	67.34	69.92	72.54	97	3.994	4.383	4.806
-32	2987	3303	3648	33	63.99	66.51	69.07	98	3.851	4.229	4.641
-31	2784	3073	3390	34	60.83	63.28	65.78	99	3.713	4.081	4.481
-30	2595	2861	3151	35	57.83	60.23	62.67	100	3.581	3.939	4.328
-29	2421	2665	2931	36	55.00	57.33	59.71	101	3.455	3.802	4.181
-28	2259	2483	2727	37	52.32	54.59	56.92	102	3.333	3.671	4.040
-27	2109	2315	2539	38	49.78	52.00	54.26	103	3.217	3.545	3.904
-26	1969	2159	2365	39	47.38	49.54	51.75	104	3.105	3.425	3.774
-25	1840	2014	2203	40	45.11	47.21	49.36	105	2.998	3.308	3.648
-24	1719	1880	2053	41	42.95	44.99	47.09	106	2.894	3.197	3.527
-23	1608	1755	1915	42	40.91	42.90	44.94	107	2.795	3.089	3.411
-22	1504	1640	1787	43	38.98	40.91	42.90	108	2.700	2.986	3.299
-21	1408	1533	1668	44	37.14	39.02	40.95	109	2.608	2.887	3.192
-20	1318	1433	1557	45	35.41	37.23	39.11	110	2.520	2.791	3.088
-19	1235	1341	1455	46	33.76	35.53	37.36	111	2.435	2.699	2.988
-18	1157	1255	1359	47	32.19	33.91	35.69	112	2.354	2.610	2.892
-17	1085	1175	1271	48	30.71	32.38	34.11	113	2.276	2.525	2.799
-16	1017	1100	1189	49	29.30	30.92	32.61	114	2.200	2.443	2.710
-15	954.1	1031	1112	50	27.96	29.54	31.17	115	2.127	2.364	2.624
-14	895.4	965.9	1041	51	26.69	28.22	29.81	116	2.057	2.287	2.541
-13	840.6	905.7	974.9	52	25.48	26.97	28.51	117	1.990	2.214	2.461
-12	789.5	849.5	913.2	53	24.33	25.77	27.28	118	1.925	2.143	2.384
-11	741.7	797.1	855.8	54	23.24	24.64	26.10	119	1.862	2.075	2.309
-10	697.1	748.2	802.3	55	22.20	23.56	24.98	120	1.802	2.009	2.237
-9	655.4	702.5	752.4	56	21.21	22.53	23.91	121	1.744	1.945	2.168
-8	616.4	659.9	705.8	57	20.27	21.55	22.89	122	1.688	1.884	2.101
-7	579.9	620.1	662.4	58	19.38	20.62	21.92	123	1.634	1.825	2.036
-6	545.8	582.9	621.9	59	18.53	19.73	21.00	124	1.582	1.768	1.974
-5	513.9	548.1	584.1	60	17.72	18.89	20.11	125	1.531	1.712	1.913
-4	483.9	515.6	548.7	61	16.95	18.08	19.27				
-3	455.9	485.1	515.7	62	16.22	17.32	18.47				
-2	429.7	456.6	484.8	63	15.52	16.59	17.71				
-1	405.1	429.9	455.9	64	14.86	15.89	16.98				
0	382.0	405.0	428.9	65	14.23	15.23	16.29				
1	360.3	381.5	403.6	66	13.63	14.60	15.63				
2	340.0	359.6	380.0	67	13.06	14.00	15.00				
3	320.9	339.0	357.8	68	12.51	13.43	14.40				
4	302.9	319.7	337.0	69	11.99	12.88	13.82				
5	286.1	301.5	317.5	70	11.50	12.36	13.27				
6	270.3	284.5	299.2	71	11.03	11.86	12.75				
7	255.4	268.5	282.1	72	10.58	11.39	12.25				
8	241.4	253.5	266.1	73	10.15	10.94	11.77				
9	228.2	239.4	251.0	74	9.739	10.50	11.32				
10	215.9	226.2	236.8	75	9.349	10.09	10.88				
11	204.2	213.8	223.6	76	8.977	9.696	10.46				
12	193.3	202.1	211.1	77	8.621	9.319	10.07				
13	183.0	191.1	199.4	78	8.281	8.959	9.684				
14	173.2	180.7	188.4	79	7.956	8.614	9.318				
15	164.1	171.0	178.0	80	7.645	8.284	8.968				
16	155.5	161.8	168.3	81	7.348	7.968	8.633				
17	147.4	153.2	159.2	82	7.064	7.666	8.312				
18	139.7	145.1	150.6	83	6.792	7.377	8.004				
19	132.5	137.5	142.5	84	6.531	7.099	7.709				
20	125.7	130.3	134.9	85	6.282	6.834	7.427				
21	119.3	123.5	127.7	86	6.044	6.579	7.155				
22	113.2	117.1	121.0	87	5.815	6.335	6.895				
23	107.5	111.0	114.6	88	5.596	6.101	6.646				
24	102.1	105.4	108.6	89	5.386	5.877	6.406				
25	97.00	100.0	103.0	90	5.185	5.662	6.176				