

ERTJ0ET104H R-T Characteristics

(for reference)

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

$$B_{25/50} = 4500 \text{ K } \pm 2\%$$

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	4227	4707	5237	25	97.00	100.0	103.0	90	5.826	6.347	6.908
-39	3947	4389	4876	26	92.21	95.16	98.11	91	5.618	6.124	6.670
-38	3687	4094	4542	27	87.69	90.58	93.48	92	5.417	5.910	6.442
-37	3446	3821	4233	28	83.40	86.24	89.09	93	5.225	5.704	6.222
-36	3221	3567	3946	29	79.35	82.12	84.92	94	5.041	5.507	6.011
-35	3012	3331	3680	30	75.51	78.23	80.97	95	4.864	5.317	5.808
-34	2818	3112	3434	31	71.88	74.54	77.22	96	4.693	5.134	5.612
-33	2637	2909	3205	32	68.43	71.03	73.67	97	4.530	4.959	5.424
-32	2469	2720	2992	33	65.17	67.72	70.29	98	4.372	4.790	5.243
-31	2313	2544	2795	34	62.08	64.57	67.09	99	4.221	4.628	5.069
-30	2167	2380	2612	35	59.15	61.58	64.04	100	4.076	4.472	4.901
-29	2031	2228	2442	36	56.38	58.74	61.15	101	3.936	4.321	4.739
-28	1904	2086	2283	37	53.74	56.05	58.41	102	3.802	4.176	4.584
-27	1786	1954	2136	38	51.25	53.50	55.80	103	3.673	4.037	4.434
-26	1676	1831	1999	39	48.88	51.07	53.31	104	3.548	3.903	4.290
-25	1573	1717	1871	40	46.63	48.76	50.95	105	3.429	3.774	4.150
-24	1477	1610	1753	41	44.49	46.57	48.71	106	3.313	3.650	4.016
-23	1387	1510	1642	42	42.46	44.49	46.57	107	3.202	3.530	3.887
-22	1303	1417	1539	43	40.54	42.51	44.54	108	3.096	3.415	3.763
-21	1225	1330	1443	44	38.71	40.63	42.61	109	2.993	3.303	3.643
-20	1152	1249	1353	45	36.97	38.84	40.77	110	2.894	3.196	3.527
-19	1083	1173	1269	46	35.32	37.14	39.02	111	2.799	3.093	3.415
-18	1019	1102	1191	47	33.75	35.52	37.35	112	2.707	2.994	3.308
-17	958.9	1036	1118	48	32.25	33.98	35.76	113	2.619	2.898	3.204
-16	902.6	973.9	1050	49	30.83	32.51	34.24	114	2.534	2.806	3.104
-15	850.0	915.9	986.2	50	29.48	31.11	32.80	115	2.452	2.717	3.008
-14	800.6	861.7	926.6	51	28.19	29.78	31.42	116	2.373	2.631	2.915
-13	754.4	811.0	871.0	52	26.97	28.51	30.11	117	2.297	2.548	2.825
-12	711.1	763.5	819.0	53	25.80	27.30	28.86	118	2.224	2.469	2.738
-11	670.4	718.9	770.3	54	24.69	26.14	27.66	119	2.153	2.392	2.654
-10	632.3	677.2	724.8	55	23.63	25.04	26.52	120	2.085	2.318	2.574
-9	596.5	638.2	682.1	56	22.62	23.99	25.43	121	2.019	2.246	2.496
-8	562.9	601.5	642.2	57	21.66	22.99	24.39	122	1.956	2.177	2.421
-7	531.4	567.1	604.8	58	20.74	22.04	23.40	123	1.895	2.110	2.348
-6	501.7	534.9	569.7	59	19.87	21.13	22.45	124	1.836	2.046	2.278
-5	473.9	504.7	536.9	60	19.04	20.26	21.55	125	1.779	1.984	2.210
-4	447.8	476.3	506.1	61	18.24	19.43	20.68				
-3	423.2	449.6	477.2	62	17.48	18.64	19.86				
-2	400.1	424.5	450.1	63	16.76	17.89	19.07				
-1	378.3	401.0	424.7	64	16.07	17.17	18.31				
0	357.9	378.9	400.8	65	15.42	16.48	17.60				
1	338.6	358.1	378.4	66	14.79	15.82	16.91				
2	320.5	338.5	357.3	67	14.19	15.19	16.25				
3	303.4	320.1	337.5	68	13.62	14.60	15.62				
4	287.2	302.8	318.8	69	13.08	14.02	15.02				
5	272.0	286.4	301.3	70	12.56	13.48	14.45				
6	257.7	271.0	284.8	71	12.06	12.96	13.90				
7	244.2	256.5	269.3	72	11.59	12.46	13.38				
8	231.5	242.9	254.7	73	11.14	11.98	12.87				
9	219.4	230.0	240.9	74	10.70	11.52	12.39				
10	208.1	217.9	228.0	75	10.29	11.08	11.93				
11	197.4	206.5	215.8	76	9.893	10.67	11.49				
12	187.3	195.7	204.3	77	9.515	10.27	11.07				
13	177.7	185.5	193.5	78	9.152	9.882	10.66				
14	168.7	175.9	183.3	79	8.805	9.515	10.27				
15	160.2	166.9	173.7	80	8.473	9.163	9.900				
16	152.2	158.3	164.6	81	8.155	8.825	9.542				
17	144.6	150.3	156.1	82	7.850	8.502	9.199				
18	137.4	142.7	148.0	83	7.558	8.192	8.870				
19	130.6	135.5	140.4	84	7.278	7.894	8.555				
20	124.2	128.7	133.2	85	7.010	7.609	8.252				
21	118.2	122.3	126.5	86	6.753	7.335	7.961				
22	112.4	116.3	120.1	87	6.507	7.073	7.681				
23	107.0	110.5	114.1	88	6.270	6.821	7.413				
24	101.9	105.1	108.4	89	6.044	6.579	7.155				
25	97.00	100.0	103.0	90	5.826	6.347	6.908				