

ERTJ0EP104J R-T Characteristics

(for reference)

$$R_{25} = 100 \text{ kohm } \pm 5\%$$

$$B_{25/50} = 4050 \text{ K } \pm 2\%$$

Temp. Resistance (kohm)			Temp. Resistance (kohm)			Temp. Resistance (kohm)					
T(deg.C)	R min.	R typ.	R max.	T(deg.C)	R min.	R typ.	R max.	T(deg.C)	R min.	R typ.	R max.
-40	2932	3310	3727	25	95.00	100.0	105.0	90	7.633	8.442	9.314
-39	2751	3102	3489	26	90.77	95.63	100.5	91	7.387	8.175	9.025
-38	2583	2908	3267	27	86.75	91.48	96.22	92	7.150	7.918	8.746
-37	2426	2728	3060	28	82.92	87.52	92.14	93	6.921	7.669	8.477
-36	2279	2560	2868	29	79.28	83.75	88.25	94	6.701	7.430	8.218
-35	2142	2403	2689	30	75.82	80.16	84.54	95	6.489	7.200	7.968
-34	2014	2257	2522	31	72.52	76.74	81.01	96	6.285	6.977	7.727
-33	1895	2120	2366	32	69.38	73.49	77.64	97	6.088	6.763	7.494
-32	1783	1993	2221	33	66.40	70.38	74.42	98	5.898	6.557	7.270
-31	1679	1874	2086	34	63.55	67.42	71.36	99	5.716	6.358	7.054
-30	1581	1763	1960	35	60.84	64.61	68.43	100	5.540	6.166	6.845
-29	1490	1659	1842	36	58.26	61.92	65.64	101	5.371	5.981	6.644
-28	1404	1561	1732	37	55.80	59.35	62.98	102	5.208	5.803	6.450
-27	1324	1470	1629	38	53.46	56.91	60.43	103	5.050	5.631	6.263
-26	1249	1385	1533	39	51.22	54.58	58.00	104	4.899	5.466	6.082
-25	1178	1306	1443	40	49.10	52.35	55.69	105	4.753	5.306	5.908
-24	1112	1231	1359	41	47.07	50.23	53.47	106	4.613	5.152	5.740
-23	1050	1161	1280	42	45.13	48.20	51.36	107	4.477	5.003	5.578
-22	991.9	1095	1206	43	43.28	46.27	49.34	108	4.346	4.860	5.421
-21	937.3	1034	1137	44	41.52	44.42	47.41	109	4.219	4.721	5.269
-20	886.0	976.1	1073	45	39.84	42.66	45.56	110	4.097	4.587	5.122
-19	837.8	921.9	1012	46	38.24	40.98	43.80	111	3.979	4.457	4.980
-18	792.5	871.1	955.1	47	36.71	39.37	42.12	112	3.864	4.331	4.843
-17	749.8	823.3	901.7	48	35.25	37.83	40.51	113	3.754	4.210	4.710
-16	709.8	778.4	851.6	49	33.86	36.37	38.96	114	3.647	4.092	4.581
-15	672.1	736.2	804.5	50	32.52	34.96	37.49	115	3.544	3.979	4.456
-14	636.5	696.6	760.3	51	31.25	33.62	36.08	116	3.443	3.868	4.335
-13	603.1	659.2	718.8	52	30.04	32.34	34.73	117	3.346	3.761	4.217
-12	571.6	624.1	679.8	53	28.87	31.11	33.44	118	3.252	3.658	4.103
-11	541.9	591.1	643.1	54	27.76	29.93	32.20	119	3.161	3.557	3.993
-10	513.9	559.9	608.5	55	26.70	28.81	31.01	120	3.073	3.460	3.886
-9	487.5	530.6	576.0	56	25.68	27.73	29.88	121	2.987	3.365	3.781
-8	462.6	502.9	545.4	57	24.70	26.70	28.79	122	2.904	3.273	3.680
-7	439.1	476.9	516.6	58	23.77	25.71	27.74	123	2.823	3.184	3.582
-6	416.9	452.3	489.5	59	22.88	24.77	26.74	124	2.745	3.098	3.487
-5	396.0	429.1	463.9	60	22.03	23.86	25.78	125	2.669	3.013	3.394
-4	376.2	407.2	439.8	61	21.21	22.99	24.86				
-3	357.4	386.6	417.0	62	20.42	22.15	23.97				
-2	339.8	367.1	395.6	63	19.67	21.36	23.13				
-1	323.0	348.6	375.3	64	18.95	20.59	22.31				
0	307.2	331.2	356.2	65	18.26	19.85	21.53				
1	292.2	314.8	338.2	66	17.60	19.15	20.78				
2	278.1	299.2	321.1	67	16.96	18.47	20.06				
3	264.7	284.5	305.0	68	16.35	17.82	19.37				
4	252.0	270.6	289.8	69	15.77	17.19	18.70				
5	239.9	257.4	275.4	70	15.21	16.59	18.06				
6	228.5	244.9	261.8	71	14.67	16.02	17.45				
7	217.7	233.1	248.9	72	14.15	15.46	16.85				
8	207.5	221.9	236.7	73	13.66	14.93	16.29				
9	197.8	211.3	225.2	74	13.18	14.42	15.74				
10	188.6	201.3	214.3	75	12.72	13.93	15.21				
11	179.8	191.8	204.0	76	12.28	13.46	14.71				
12	171.5	182.7	194.2	77	11.86	13.00	14.22				
13	163.7	174.2	185.0	78	11.45	12.57	13.75				
14	156.2	166.1	176.2	79	11.06	12.15	13.30				
15	149.1	158.4	167.9	80	10.69	11.74	12.87				
16	142.4	151.1	160.0	81	10.33	11.35	12.45				
17	136.0	144.2	152.5	82	9.978	10.98	12.05				
18	129.9	137.6	145.4	83	9.644	10.62	11.66				
19	124.1	131.4	138.7	84	9.323	10.27	11.29				
20	118.7	125.5	132.3	85	9.014	9.937	10.93				
21	113.4	119.8	126.3	86	8.717	9.616	10.58				
22	108.5	114.5	120.5	87	8.431	9.306	10.25				
23	103.8	109.4	115.1	88	8.155	9.007	9.924				
24	99.27	104.6	109.9	89	7.889	8.720	9.613				
25	95.00	100.0	105.0	90	7.633	8.442	9.314				