

ERTJ0ER104H R-T Characteristics

(for reference)

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

$$B_{25/50} = 4250 \text{ K } \pm 2\%$$

Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)		
	R min.	R typ.	R max.		R min.	R typ.	R max.		R min.	R typ.	R max.
-40	3816	4240	4707	25	97.00	100.0	103.0	90	6.867	7.457	8.090
-39	3561	3952	4381	26	92.45	95.40	98.36	91	6.636	7.211	7.829
-38	3325	3685	4079	27	88.14	91.04	93.94	92	6.414	6.974	7.577
-37	3107	3437	3800	28	84.05	86.90	89.75	93	6.201	6.747	7.334
-36	2904	3208	3542	29	80.18	82.96	85.77	94	5.995	6.527	7.100
-35	2715	2996	3303	30	76.50	79.23	81.99	95	5.797	6.316	6.875
-34	2540	2799	3082	31	73.01	75.69	78.39	96	5.607	6.113	6.658
-33	2377	2616	2877	32	69.69	72.32	74.97	97	5.424	5.917	6.449
-32	2226	2447	2686	33	66.55	69.11	71.72	98	5.247	5.728	6.247
-31	2086	2289	2510	34	63.56	66.07	68.62	99	5.077	5.546	6.053
-30	1955	2142	2346	35	60.72	63.18	65.67	100	4.914	5.371	5.865
-29	1833	2006	2194	36	58.02	60.42	62.87	101	4.756	5.202	5.684
-28	1719	1880	2053	37	55.46	57.81	60.20	102	4.604	5.039	5.510
-27	1614	1762	1922	38	53.02	55.31	57.65	103	4.458	4.882	5.341
-26	1515	1652	1800	39	50.71	52.94	55.23	104	4.317	4.731	5.179
-25	1423	1550	1686	40	48.50	50.68	52.92	105	4.181	4.585	5.023
-24	1336	1453	1579	41	46.40	48.53	50.72	106	4.050	4.444	4.871
-23	1256	1365	1481	42	44.41	46.49	48.62	107	3.924	4.308	4.726
-22	1182	1282	1390	43	42.51	44.53	46.62	108	3.803	4.177	4.585
-21	1112	1205	1305	44	40.70	42.68	44.71	109	3.685	4.051	4.449
-20	1047	1133	1225	45	38.97	40.90	42.89	110	3.572	3.929	4.317
-19	985.8	1066	1151	46	37.33	39.21	41.15	111	3.463	3.811	4.190
-18	928.6	1003	1081	47	35.77	37.60	39.49	112	3.357	3.697	4.067
-17	875.1	943.6	1017	48	34.27	36.06	37.91	113	3.255	3.587	3.949
-16	825.0	888.5	956.1	49	32.85	34.59	36.40	114	3.157	3.481	3.834
-15	778.1	837.0	899.5	50	31.50	33.19	34.95	115	3.062	3.378	3.723
-14	734.1	788.8	846.7	51	30.20	31.86	33.57	116	2.970	3.279	3.616
-13	692.9	743.6	797.2	52	28.97	30.58	32.25	117	2.881	3.183	3.512
-12	654.2	701.3	751.0	53	27.79	29.36	30.99	118	2.796	3.090	3.412
-11	617.9	661.6	707.7	54	26.67	28.20	29.79	119	2.713	3.000	3.314
-10	583.9	624.4	667.1	55	25.60	27.09	28.64	120	2.633	2.913	3.220
-9	551.9	589.5	629.1	56	24.57	26.02	27.53	121	2.555	2.829	3.129
-8	521.8	556.7	593.4	57	23.59	25.01	26.48	122	2.480	2.748	3.041
-7	493.5	526.0	560.0	58	22.66	24.03	25.47	123	2.408	2.669	2.956
-6	466.9	497.1	528.7	59	21.76	23.10	24.50	124	2.338	2.593	2.873
-5	441.9	469.9	499.2	60	20.91	22.21	23.58	125	2.270	2.519	2.793
-4	418.4	444.4	471.6	61	20.09	21.36	22.69				
-3	396.2	420.4	445.6	62	19.31	20.55	21.85				
-2	375.4	397.8	421.2	63	18.57	19.77	21.03				
-1	355.7	376.6	398.3	64	17.85	19.02	20.26				
0	337.2	356.5	376.7	65	17.17	18.31	19.51				
1	319.7	337.7	356.4	66	16.51	17.63	18.80				
2	303.2	319.9	337.3	67	15.89	16.97	18.11				
3	287.6	303.2	319.3	68	15.29	16.34	17.45				
4	273.0	287.4	302.3	69	14.71	15.74	16.82				
5	259.1	272.5	286.4	70	14.16	15.16	16.22				
6	246.0	258.5	271.3	71	13.64	14.61	15.64				
7	233.7	245.2	257.2	72	13.13	14.08	15.08				
8	222.0	232.7	243.8	73	12.65	13.57	14.55				
9	210.9	220.9	231.2	74	12.18	13.08	14.03				
10	200.5	209.8	219.3	75	11.74	12.61	13.54				
11	190.7	199.3	208.1	76	11.31	12.16	13.07				
12	181.3	189.4	197.5	77	10.90	11.73	12.61				
13	172.5	180.0	187.6	78	10.51	11.32	12.17				
14	164.2	171.1	178.1	79	10.13	10.92	11.75				
15	156.3	162.7	169.2	80	9.770	10.54	11.35				
16	148.8	154.8	160.8	81	9.423	10.17	10.96				
17	141.7	147.3	152.9	82	9.090	9.817	10.59				
18	135.0	140.2	145.3	83	8.771	9.479	10.23				
19	128.7	133.4	138.2	84	8.465	9.154	9.891				
20	122.7	127.1	131.5	85	8.171	8.843	9.561				
21	117.0	121.1	125.2	86	7.889	8.543	9.243				
22	111.6	115.4	119.2	87	7.618	8.255	8.938				
23	106.5	110.0	113.5	88	7.358	7.979	8.644				
24	101.6	104.9	108.1	89	7.108	7.713	8.362				
25	97.00	100.0	103.0	90	6.867	7.457	8.090				