

ERTJ0ER104HM R-T Characteristics (for reference)

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

$B_{25/50} = 4250 \text{ K } \pm 1\%$

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	3962	4240	4534	25	97.00	100.0	103.0	90	7.048	7.457	7.883
-39	3695	3952	4223	26	92.50	95.40	98.31	91	6.813	7.211	7.625
-38	3448	3685	3935	27	88.22	91.04	93.86	92	6.587	6.974	7.378
-37	3218	3437	3668	28	84.17	86.90	89.63	93	6.370	6.747	7.139
-36	3006	3208	3421	29	80.33	82.96	85.61	94	6.161	6.527	6.909
-35	2809	2996	3193	30	76.68	79.23	81.80	95	5.960	6.316	6.688
-34	2626	2799	2981	31	73.21	75.69	78.17	96	5.766	6.113	6.475
-33	2456	2616	2784	32	69.92	72.32	74.73	97	5.579	5.917	6.269
-32	2298	2447	2602	33	66.79	69.11	71.45	98	5.400	5.728	6.071
-31	2152	2289	2433	34	63.82	66.07	68.34	99	5.226	5.546	5.880
-30	2015	2142	2275	35	61.00	63.18	65.37	100	5.060	5.371	5.696
-29	1889	2006	2129	36	58.32	60.42	62.55	101	4.899	5.202	5.519
-28	1771	1880	1994	37	55.77	57.81	59.87	102	4.744	5.039	5.348
-27	1661	1762	1867	38	53.34	55.31	57.31	103	4.595	4.882	5.183
-26	1558	1652	1750	39	51.03	52.94	54.88	104	4.451	4.731	5.024
-25	1463	1550	1641	40	48.83	50.68	52.56	105	4.312	4.585	4.870
-24	1372	1453	1537	41	46.74	48.53	50.35	106	4.179	4.444	4.722
-23	1289	1365	1443	42	44.75	46.49	48.25	107	4.050	4.308	4.579
-22	1212	1282	1355	43	42.85	44.53	46.24	108	3.925	4.177	4.441
-21	1140	1205	1272	44	41.04	42.68	44.33	109	3.805	4.051	4.308
-20	1073	1133	1196	45	39.32	40.90	42.51	110	3.689	3.929	4.180
-19	1009	1066	1124	46	37.68	39.21	40.77	111	3.578	3.811	4.055
-18	950.3	1003	1057	47	36.12	37.60	39.11	112	3.470	3.697	3.935
-17	895.0	943.6	994.0	48	34.63	36.06	37.52	113	3.365	3.587	3.820
-16	843.3	888.5	935.4	49	33.20	34.59	36.01	114	3.265	3.481	3.707
-15	794.8	837.0	880.6	50	31.85	33.19	34.57	115	3.167	3.378	3.599
-14	749.5	788.8	829.4	51	30.55	31.86	33.19	116	3.073	3.279	3.494
-13	706.9	743.6	781.4	52	29.31	30.58	31.87	117	2.983	3.183	3.393
-12	667.1	701.3	736.5	53	28.13	29.36	30.62	118	2.895	3.090	3.295
-11	629.7	661.6	694.4	54	27.01	28.20	29.41	119	2.810	3.000	3.200
-10	594.7	624.4	655.0	55	25.93	27.09	28.26	120	2.728	2.913	3.109
-9	561.7	589.5	618.0	56	24.90	26.02	27.17	121	2.648	2.829	3.020
-8	530.8	556.7	583.3	57	23.92	25.01	26.12	122	2.571	2.748	2.934
-7	501.8	526.0	550.8	58	22.98	24.03	25.11	123	2.497	2.669	2.850
-6	474.5	497.1	520.3	59	22.08	23.10	24.15	124	2.425	2.593	2.770
-5	448.8	469.9	491.6	60	21.23	22.21	23.23	125	2.355	2.519	2.692
-4	424.7	444.4	464.6	61	20.41	21.36	22.35	126	2.288	2.447	2.616
-3	402.0	420.4	439.3	62	19.62	20.55	21.50	127	2.222	2.378	2.543
-2	380.6	397.8	415.4	63	18.87	19.77	20.70	128	2.159	2.311	2.472
-1	360.4	376.6	393.0	64	18.15	19.02	19.92	129	2.098	2.246	2.403
0	341.5	356.5	371.9	65	17.46	18.31	19.18	130	2.039	2.184	2.337
1	323.6	337.7	352.1	66	16.80	17.63	18.47	131	1.981	2.123	2.272
2	306.7	319.9	333.4	67	16.17	16.97	17.79	132	1.926	2.064	2.210
3	290.9	303.2	315.8	68	15.57	16.34	17.14	133	1.872	2.007	2.149
4	275.9	287.4	299.2	69	14.99	15.74	16.52	134	1.820	1.951	2.091
5	261.7	272.5	283.5	70	14.43	15.16	15.92	135	1.769	1.898	2.034
6	248.4	258.5	268.8	71	13.90	14.61	15.34	136	1.721	1.846	1.979
7	235.8	245.2	254.9	72	13.39	14.08	14.79	137	1.673	1.796	1.925
8	223.9	232.7	241.8	73	12.90	13.57	14.26	138	1.627	1.747	1.874
9	212.6	220.9	229.4	74	12.43	13.08	13.75	139	1.583	1.700	1.823
10	202.0	209.8	217.7	75	11.98	12.61	13.26	140	1.540	1.654	1.775
11	192.0	199.3	206.7	76	11.55	12.16	12.79	141	1.498	1.609	1.728
12	182.5	189.4	196.3	77	11.14	11.73	12.34	142	1.457	1.566	1.682
13	173.5	180.0	186.5	78	10.74	11.32	11.91	143	1.418	1.525	1.637
14	165.1	171.1	177.2	79	10.36	10.92	11.50	144	1.380	1.484	1.594
15	157.1	162.7	168.4	80	9.99	10.54	11.10	145	1.343	1.445	1.552
16	149.5	154.8	160.1	81	9.641	10.17	10.72	146	1.307	1.407	1.512
17	142.3	147.3	152.3	82	9.304	9.817	10.35	147	1.273	1.370	1.472
18	135.5	140.2	144.9	83	8.980	9.479	9.996	148	1.239	1.334	1.434
19	129.1	133.4	137.8	84	8.670	9.154	9.657	149	1.206	1.299	1.397
20	123.0	127.1	131.2	85	8.372	8.843	9.331	150	1.175	1.265	1.361
21	117.2	121.1	124.9	86	8.085	8.543	9.019				
22	111.7	115.4	119.0	87	7.810	8.255	8.718				
23	106.6	110.0	113.4	88	7.546	7.979	8.429				
24	101.7	104.9	108.0	89	7.292	7.713	8.150				
25	97.00	100.0	103.0	90	7.048	7.457	7.883				