

ERTJ0ER103J R-T Characteristics

(for reference)

$$R_{25} = 10 \text{ kohm} \quad \pm 5\%$$

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

Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)		
	R min.	R cen.	R max.		R min.	R cen.	R max.		R min.	R cen.	R max.
-40	379.8	431.0	487.9	25	9.500	10.00	10.50	90	0.6736	0.7468	0.8259
-39	354.4	401.7	454.1	26	9.054	9.539	10.03	91	0.6506	0.7218	0.7988
-38	330.9	374.5	422.8	27	8.631	9.102	9.576	92	0.6284	0.6977	0.7726
-37	309.2	349.4	393.9	28	8.230	8.688	9.148	93	0.6071	0.6745	0.7474
-36	288.9	326.1	367.1	29	7.850	8.294	8.742	94	0.5866	0.6522	0.7232
-35	270.2	304.5	342.3	30	7.490	7.921	8.356	95	0.5670	0.6307	0.6999
-34	252.7	284.5	319.4	31	7.148	7.566	7.989	96	0.5481	0.6101	0.6774
-33	236.5	265.9	298.1	32	6.823	7.229	7.640	97	0.5299	0.5903	0.6559
-32	221.5	248.6	278.3	33	6.515	6.909	7.308	98	0.5124	0.5712	0.6351
-31	207.4	232.5	260.0	34	6.223	6.605	6.993	99	0.4957	0.5529	0.6151
-30	194.4	217.6	243.0	35	5.945	6.315	6.692	100	0.4796	0.5353	0.5959
-29	182.3	203.8	227.3	36	5.681	6.040	6.407	101	0.4641	0.5184	0.5775
-28	170.9	190.9	212.6	37	5.430	5.779	6.134	102	0.4493	0.5021	0.5597
-27	160.4	178.9	199.0	38	5.191	5.530	5.875	103	0.4350	0.4864	0.5426
-26	150.6	167.7	186.3	39	4.964	5.293	5.628	104	0.4212	0.4714	0.5261
-25	141.4	157.3	174.5	40	4.749	5.067	5.393	105	0.4080	0.4568	0.5102
-24	132.9	147.6	163.6	41	4.543	4.852	5.169	106	0.3953	0.4429	0.4949
-23	124.9	138.5	153.3	42	4.348	4.647	4.955	107	0.3830	0.4294	0.4801
-22	117.4	130.1	143.8	43	4.162	4.452	4.751	108	0.3712	0.4164	0.4659
-21	110.4	122.2	134.9	44	3.985	4.267	4.557	109	0.3598	0.4039	0.4522
-20	103.9	114.8	126.6	45	3.816	4.090	4.372	110	0.3488	0.3918	0.4389
-19	97.79	108.0	118.9	46	3.656	3.921	4.195	111	0.3383	0.3801	0.4261
-18	92.09	101.5	111.7	47	3.502	3.760	4.026	112	0.3281	0.3689	0.4137
-17	86.75	95.53	104.9	48	3.357	3.606	3.864	113	0.3182	0.3580	0.4018
-16	81.75	89.91	98.65	49	3.217	3.459	3.710	114	0.3087	0.3475	0.3903
-15	77.06	84.66	92.77	50	3.085	3.319	3.563	115	0.2995	0.3374	0.3791
-14	72.67	79.74	87.28	51	2.958	3.186	3.423	116	0.2907	0.3276	0.3683
-13	68.56	75.14	82.14	52	2.837	3.058	3.288	117	0.2821	0.3181	0.3579
-12	64.70	70.83	77.34	53	2.722	2.937	3.160	118	0.2738	0.3090	0.3478
-11	61.08	66.78	72.84	54	2.612	2.820	3.037	119	0.2658	0.3001	0.3380
-10	57.68	63.00	68.63	55	2.507	2.709	2.920	120	0.2581	0.2916	0.3286
-9	54.50	59.45	64.68	56	2.407	2.603	2.807	121	0.2506	0.2833	0.3194
-8	51.50	56.11	60.99	57	2.311	2.501	2.700	122	0.2434	0.2753	0.3106
-7	48.69	52.99	57.52	58	2.220	2.404	2.597	123	0.2364	0.2675	0.3020
-6	46.04	50.05	54.28	59	2.132	2.311	2.499	124	0.2296	0.2600	0.2936
-5	43.56	47.30	51.23	60	2.049	2.222	2.405	125	0.2230	0.2527	0.2856
-4	41.22	44.71	48.37	61	1.969	2.137	2.314				
-3	39.02	42.28	45.69	62	1.892	2.056	2.228				
-2	36.95	39.99	43.17	63	1.819	1.978	2.145				
-1	35.00	37.84	40.80	64	1.749	1.903	2.066				
0	33.17	35.82	38.58	65	1.682	1.832	1.990				
1	31.44	33.91	36.49	66	1.618	1.764	1.917				
2	29.81	32.12	34.52	67	1.557	1.698	1.848				
3	28.27	30.43	32.67	68	1.499	1.636	1.781				
4	26.82	28.84	30.93	69	1.442	1.576	1.717				
5	25.45	27.34	29.29	70	1.389	1.518	1.655				
6	24.16	25.92	27.74	71	1.337	1.463	1.596				
7	22.94	24.59	26.29	72	1.288	1.410	1.540				
8	21.79	23.33	24.92	73	1.241	1.359	1.485				
9	20.70	22.14	23.62	74	1.195	1.311	1.433				
10	19.68	21.02	22.40	75	1.152	1.264	1.383				
11	18.71	19.97	21.26	76	1.110	1.219	1.335				
12	17.79	18.97	20.17	77	1.071	1.176	1.289				
13	16.92	18.02	19.15	78	1.032	1.135	1.245				
14	16.10	17.13	18.18	79	0.9954	1.095	1.202				
15	15.32	16.29	17.27	80	0.9601	1.057	1.161				
16	14.59	15.49	16.41	81	0.9262	1.020	1.122				
17	13.89	14.74	15.60	82	0.8936	0.9852	1.084				
18	13.24	14.03	14.83	83	0.8622	0.9513	1.047				
19	12.61	13.35	14.10	84	0.8321	0.9187	1.012				
20	12.02	12.72	13.42	85	0.8031	0.8873	0.9779				
21	11.46	12.11	12.77	86	0.7752	0.8571	0.9453				
22	10.93	11.54	12.15	87	0.7483	0.8280	0.9138				
23	10.43	11.00	11.57	88	0.7225	0.7999	0.8834				
24	9.952	10.49	11.02	89	0.6976	0.7729	0.8541				
25	9.500	10.00	10.50	90	0.6736	0.7468	0.8259				