

ERTJ1VR103J R-T Characteristics

(for reference)

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

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

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.	T(deg.C)	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										