

ERTJ1VR103H R-T Characteristics

(for reference)

$$R_{25} = 10 \text{ kohm} \quad \pm 3\%$$

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

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	387.8	431.0	478.6	25	9.70	10.00	10.30	90	0.6878	0.7468	0.8102
-39	361.9	401.7	445.4	26	9.244	9.539	9.835	91	0.6643	0.7218	0.7836
-38	337.9	374.5	414.8	27	8.813	9.102	9.393	92	0.6416	0.6977	0.7579
-37	315.7	349.4	386.4	28	8.404	8.688	8.974	93	0.6199	0.6745	0.7332
-36	295.0	326.1	360.1	29	8.016	8.294	8.575	94	0.5990	0.6522	0.7094
-35	275.9	304.5	335.8	30	7.648	7.921	8.197	95	0.5789	0.6307	0.6866
-34	258.1	284.5	313.3	31	7.298	7.566	7.837	96	0.5596	0.6101	0.6645
-33	241.5	265.9	292.4	32	6.967	7.229	7.495	97	0.5410	0.5903	0.6434
-32	226.1	248.6	273.0	33	6.652	6.909	7.169	98	0.5232	0.5712	0.6230
-31	211.8	232.5	255.1	34	6.354	6.605	6.860	99	0.5061	0.5529	0.6034
-30	198.5	217.6	238.4	35	6.070	6.315	6.565	100	0.4897	0.5353	0.5846
-29	186.1	203.8	222.9	36	5.800	6.040	6.285	101	0.4739	0.5184	0.5665
-28	174.5	190.9	208.5	37	5.544	5.779	6.018	102	0.4587	0.5021	0.5490
-27	163.8	178.9	195.2	38	5.300	5.530	5.763	103	0.4442	0.4864	0.5323
-26	153.7	167.7	182.7	39	5.069	5.293	5.521	104	0.4301	0.4714	0.5161
-25	144.4	157.3	171.2	40	4.849	5.067	5.290	105	0.4166	0.4568	0.5005
-24	135.7	147.6	160.5	41	4.639	4.852	5.070	106	0.4036	0.4429	0.4855
-23	127.5	138.5	150.4	42	4.439	4.647	4.861	107	0.3911	0.4294	0.4710
-22	119.9	130.1	141.0	43	4.250	4.452	4.661	108	0.3790	0.4164	0.4570
-21	112.7	122.2	132.3	44	4.069	4.267	4.470	109	0.3674	0.4039	0.4436
-20	106.1	114.8	124.2	45	3.897	4.090	4.288	110	0.3562	0.3918	0.4306
-19	99.85	108.0	116.6	46	3.732	3.921	4.115	111	0.3454	0.3801	0.4180
-18	94.02	101.5	109.5	47	3.576	3.760	3.949	112	0.3350	0.3689	0.4059
-17	88.57	95.53	102.9	48	3.427	3.606	3.791	113	0.3249	0.3580	0.3942
-16	83.47	89.91	96.77	49	3.285	3.459	3.640	114	0.3152	0.3475	0.3828
-15	78.68	84.66	91.00	50	3.150	3.319	3.495	115	0.3058	0.3374	0.3719
-14	74.20	79.74	85.62	51	3.020	3.186	3.357	116	0.2968	0.3276	0.3613
-13	70.00	75.14	80.58	52	2.897	3.058	3.226	117	0.2880	0.3181	0.3511
-12	66.06	70.83	75.86	53	2.779	2.937	3.100	118	0.2796	0.3090	0.3412
-11	62.37	66.78	71.45	54	2.667	2.820	2.979	119	0.2714	0.3001	0.3316
-10	58.90	63.00	67.32	55	2.560	2.709	2.864	120	0.2635	0.2916	0.3223
-9	55.64	59.45	63.45	56	2.458	2.603	2.754	121	0.2559	0.2833	0.3133
-8	52.58	56.11	59.83	57	2.360	2.501	2.649	122	0.2485	0.2753	0.3046
-7	49.71	52.99	56.43	58	2.266	2.404	2.548	123	0.2413	0.2675	0.2962
-6	47.01	50.05	53.24	59	2.177	2.311	2.451	124	0.2344	0.2600	0.2880
-5	44.47	47.30	50.25	60	2.092	2.222	2.359	125	0.2277	0.2527	0.2801
-4	42.09	44.71	47.45	61	2.010	2.137	2.270				
-3	39.84	42.28	44.82	62	1.932	2.056	2.186				
-2	37.73	39.99	42.35	63	1.857	1.978	2.104				
-1	35.74	37.84	40.03	64	1.786	1.903	2.027				
0	33.87	35.82	37.84	65	1.718	1.832	1.952				
1	32.10	33.91	35.79	66	1.653	1.764	1.881				
2	30.44	32.12	33.86	67	1.590	1.698	1.812				
3	28.87	30.43	32.05	68	1.530	1.636	1.747				
4	27.39	28.84	30.34	69	1.473	1.576	1.684				
5	25.99	27.34	28.73	70	1.418	1.518	1.624				
6	24.67	25.92	27.21	71	1.365	1.463	1.566				
7	23.43	24.59	25.79	72	1.315	1.410	1.510				
8	22.25	23.33	24.44	73	1.267	1.359	1.457				
9	21.14	22.14	23.17	74	1.221	1.311	1.406				
10	20.09	21.02	21.98	75	1.176	1.264	1.357				
11	19.10	19.97	20.85	76	1.134	1.219	1.310				
12	18.16	18.97	19.79	77	1.093	1.176	1.264				
13	17.28	18.02	18.78	78	1.054	1.135	1.221				
14	16.44	17.13	17.84	79	1.016	1.095	1.179				
15	15.65	16.29	16.94	80	0.9803	1.057	1.139				
16	14.90	15.49	16.10	81	0.9457	1.020	1.100				
17	14.19	14.74	15.30	82	0.9124	0.9852	1.063				
18	13.51	14.03	14.55	83	0.8804	0.9513	1.027				
19	12.88	13.35	13.83	84	0.8496	0.9187	0.9926				
20	12.27	12.72	13.16	85	0.8200	0.8873	0.9593				
21	11.70	12.11	12.52	86	0.7915	0.8571	0.9273				
22	11.16	11.54	11.92	87	0.7641	0.8280	0.8964				
23	10.65	11.00	11.35	88	0.7377	0.7999	0.8666				
24	10.16	10.49	10.81	89	0.7123	0.7729	0.8379				
25	9.70	10.00	10.30	90	0.6878	0.7468	0.8102				