

ERTJ1VR153H R-T Characteristics

(for reference)

$$R_{25} = 15 \text{ kohm} \quad \pm 3\%$$

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

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	581.6	646.5	717.9	25	14.55	15.00	15.45	90	1.032	1.120	1.215
-39	542.8	602.5	668.2	26	13.87	14.31	14.75	91	0.9964	1.083	1.175
-38	506.9	561.8	622.1	27	13.22	13.65	14.09	92	0.9625	1.047	1.137
-37	473.5	524.1	579.6	28	12.61	13.03	13.46	93	0.9298	1.012	1.100
-36	442.5	489.1	540.2	29	12.02	12.44	12.86	94	0.8985	0.9783	1.064
-35	413.8	456.7	503.7	30	11.47	11.88	12.29	95	0.8683	0.9461	1.030
-34	387.1	426.7	469.9	31	10.95	11.35	11.76	96	0.8394	0.9151	0.9968
-33	362.3	398.8	438.6	32	10.45	10.84	11.24	97	0.8116	0.8854	0.9650
-32	339.2	372.9	409.6	33	9.979	10.36	10.75	98	0.7848	0.8568	0.9345
-31	317.7	348.8	382.6	34	9.530	9.907	10.29	99	0.7592	0.8293	0.9051
-30	297.7	326.5	357.6	35	9.105	9.473	9.847	100	0.7345	0.8029	0.8769
-29	279.1	305.7	334.4	36	8.700	9.060	9.427	101	0.7109	0.7775	0.8497
-28	261.8	286.3	312.8	37	8.316	8.668	9.026	102	0.6881	0.7531	0.8236
-27	245.7	268.3	292.8	38	7.951	8.294	8.645	103	0.6662	0.7296	0.7984
-26	230.6	251.5	274.1	39	7.603	7.939	8.282	104	0.6452	0.7070	0.7741
-25	216.6	235.9	256.7	40	7.273	7.600	7.936	105	0.6249	0.6853	0.7508
-24	203.5	221.4	240.7	41	6.958	7.278	7.606	106	0.6054	0.6643	0.7282
-23	191.3	207.8	225.6	42	6.659	6.971	7.291	107	0.5866	0.6441	0.7065
-22	179.8	195.1	211.6	43	6.374	6.679	6.991	108	0.5685	0.6246	0.6856
-21	169.1	183.3	198.5	44	6.103	6.400	6.705	109	0.5511	0.6058	0.6653
-20	159.1	172.2	186.3	45	5.845	6.134	6.432	110	0.5343	0.5877	0.6458
-19	149.8	161.9	174.9	46	5.599	5.881	6.172	111	0.5181	0.5702	0.6270
-18	141.0	152.3	164.3	47	5.364	5.639	5.923	112	0.5024	0.5533	0.6088
-17	132.9	143.3	154.4	48	5.141	5.409	5.686	113	0.4874	0.5370	0.5912
-16	125.2	134.9	145.2	49	4.928	5.189	5.459	114	0.4728	0.5213	0.5742
-15	118.0	127.0	136.5	50	4.724	4.979	5.243	115	0.4587	0.5061	0.5578
-14	111.3	119.6	128.4	51	4.531	4.779	5.036	116	0.4452	0.4914	0.5420
-13	105.0	112.7	120.9	52	4.346	4.588	4.838	117	0.4320	0.4772	0.5266
-12	99.09	106.2	113.8	53	4.169	4.405	4.649	118	0.4194	0.4635	0.5118
-11	93.55	100.2	107.2	54	4.001	4.230	4.469	119	0.4071	0.4502	0.4974
-10	88.35	94.50	101.0	55	3.840	4.063	4.296	120	0.3953	0.4373	0.4835
-9	83.46	89.17	95.18	56	3.686	3.904	4.131	121	0.3838	0.4249	0.4700
-8	78.88	84.17	89.74	57	3.540	3.752	3.973	122	0.3727	0.4129	0.4570
-7	74.57	79.48	84.64	58	3.399	3.606	3.822	123	0.3620	0.4012	0.4443
-6	70.52	75.08	79.86	59	3.266	3.467	3.677	124	0.3516	0.3900	0.4321
-5	66.71	70.95	75.38	60	3.137	3.333	3.538	125	0.3416	0.3790	0.4202
-4	63.13	67.06	71.17	61	3.015	3.206	3.405				
-3	59.76	63.41	67.23	62	2.898	3.084	3.278				
-2	56.59	59.98	63.52	63	2.786	2.967	3.157				
-1	53.61	56.76	60.04	64	2.679	2.855	3.040				
0	50.80	53.72	56.77	65	2.577	2.748	2.928				
1	48.15	50.87	53.69	66	2.479	2.646	2.821				
2	45.66	48.18	50.80	67	2.385	2.548	2.719				
3	43.30	45.64	48.07	68	2.295	2.453	2.620				
4	41.08	43.26	45.51	69	2.209	2.363	2.526				
5	38.98	41.01	43.10	70	2.127	2.277	2.435				
6	37.01	38.89	40.82	71	2.048	2.194	2.349				
7	35.14	36.88	38.68	72	1.973	2.115	2.265				
8	33.38	35.00	36.66	73	1.900	2.039	2.185				
9	31.71	33.22	34.76	74	1.831	1.966	2.109				
10	30.14	31.53	32.97	75	1.764	1.896	2.035				
11	28.65	29.95	31.28	76	1.701	1.829	1.965				
12	27.25	28.45	29.68	77	1.640	1.764	1.897				
13	25.92	27.03	28.18	78	1.581	1.702	1.831				
14	24.66	25.70	26.75	79	1.525	1.643	1.769				
15	23.47	24.43	25.41	80	1.470	1.586	1.708				
16	22.34	23.24	24.15	81	1.419	1.531	1.650				
17	21.28	22.11	22.95	82	1.369	1.478	1.594				
18	20.27	21.04	21.82	83	1.321	1.427	1.541				
19	19.32	20.03	20.75	84	1.274	1.378	1.489				
20	18.41	19.07	19.74	85	1.230	1.331	1.439				
21	17.55	18.17	18.78	86	1.187	1.286	1.391				
22	16.74	17.31	17.88	87	1.146	1.242	1.345				
23	15.97	16.50	17.03	88	1.107	1.200	1.300				
24	15.24	15.73	16.22	89	1.068	1.159	1.257				
25	14.55	15.00	15.45	90	1.032	1.120	1.215				