

ERTJ1VR153J R-T Characteristics

(for reference)

$$R_{25} = 15 \text{ kohm} \quad \pm 5\%$$

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

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	569.6	646.5	731.9	25	14.25	15.00	15.75	90	1.010	1.120	1.239
-39	531.6	602.5	681.1	26	13.58	14.31	15.04	91	0.9759	1.083	1.198
-38	496.4	561.8	634.2	27	12.95	13.65	14.36	92	0.9426	1.047	1.159
-37	463.7	524.1	590.8	28	12.35	13.03	13.72	93	0.9107	1.012	1.121
-36	433.4	489.1	550.7	29	11.78	12.44	13.11	94	0.8800	0.9783	1.085
-35	405.3	456.7	513.5	30	11.23	11.88	12.53	95	0.8504	0.9461	1.050
-34	379.1	426.7	479.0	31	10.72	11.35	11.98	96	0.8221	0.9151	1.016
-33	354.8	398.8	447.1	32	10.23	10.84	11.46	97	0.7948	0.8854	0.9838
-32	332.2	372.9	417.5	33	9.773	10.36	10.96	98	0.7687	0.8568	0.9526
-31	311.2	348.8	390.1	34	9.334	9.907	10.49	99	0.7435	0.8293	0.9227
-30	291.6	326.5	364.6	35	8.917	9.473	10.04	100	0.7194	0.8029	0.8939
-29	273.4	305.7	340.9	36	8.521	9.060	9.610	101	0.6962	0.7775	0.8662
-28	256.4	286.3	318.9	37	8.145	8.668	9.202	102	0.6739	0.7531	0.8395
-27	240.6	268.3	298.4	38	7.787	8.294	8.813	103	0.6525	0.7296	0.8139
-26	225.8	251.5	279.4	39	7.447	7.939	8.443	104	0.6319	0.7070	0.7892
-25	212.1	235.9	261.7	40	7.123	7.600	8.090	105	0.6120	0.6853	0.7653
-24	199.3	221.4	245.4	41	6.815	7.278	7.753	106	0.5929	0.6643	0.7424
-23	187.3	207.8	230.0	42	6.522	6.971	7.433	107	0.5745	0.6441	0.7202
-22	176.1	195.1	215.7	43	6.243	6.679	7.127	108	0.5568	0.6246	0.6989
-21	165.6	183.3	202.3	44	5.977	6.400	6.835	109	0.5397	0.6058	0.6783
-20	155.8	172.2	189.9	45	5.724	6.134	6.557	110	0.5233	0.5877	0.6584
-19	146.7	161.9	178.3	46	5.483	5.881	6.292	111	0.5074	0.5702	0.6392
-18	138.1	152.3	167.5	47	5.254	5.639	6.038	112	0.4921	0.5533	0.6206
-17	130.1	143.3	157.4	48	5.035	5.409	5.796	113	0.4773	0.5370	0.6027
-16	122.6	134.9	148.0	49	4.826	5.189	5.565	114	0.4630	0.5213	0.5854
-15	115.6	127.0	139.2	50	4.627	4.979	5.345	115	0.4493	0.5061	0.5687
-14	109.0	119.6	130.9	51	4.437	4.779	5.134	116	0.4360	0.4914	0.5525
-13	102.8	112.7	123.2	52	4.256	4.588	4.932	117	0.4231	0.4772	0.5368
-12	97.05	106.2	116.0	53	4.083	4.405	4.740	118	0.4107	0.4635	0.5217
-11	91.62	100.2	109.3	54	3.918	4.230	4.556	119	0.3987	0.4502	0.5070
-10	86.53	94.50	102.9	55	3.761	4.063	4.379	120	0.3871	0.4373	0.4929
-9	81.74	89.17	97.02	56	3.610	3.904	4.211	121	0.3759	0.4249	0.4791
-8	77.25	84.17	91.48	57	3.467	3.752	4.050	122	0.3650	0.4129	0.4658
-7	73.03	79.48	86.29	58	3.329	3.606	3.896	123	0.3545	0.4012	0.4529
-6	69.06	75.08	81.41	59	3.198	3.467	3.748	124	0.3444	0.3900	0.4405
-5	65.34	70.95	76.84	60	3.073	3.333	3.607	125	0.3345	0.3790	0.4284
-4	61.83	67.06	72.56	61	2.953	3.206	3.472				
-3	58.53	63.41	68.53	62	2.838	3.084	3.342				
-2	55.43	59.98	64.75	63	2.729	2.967	3.218				
-1	52.50	56.76	61.20	64	2.624	2.855	3.099				
0	49.75	53.72	57.87	65	2.524	2.748	2.985				
1	47.16	50.87	54.73	66	2.428	2.646	2.876				
2	44.71	48.18	51.78	67	2.336	2.548	2.771				
3	42.41	45.64	49.01	68	2.248	2.453	2.671				
4	40.23	43.26	46.39	69	2.164	2.363	2.575				
5	38.18	41.01	43.93	70	2.083	2.277	2.483				
6	36.24	38.89	41.61	71	2.006	2.194	2.394				
7	34.42	36.88	39.43	72	1.932	2.115	2.309				
8	32.69	35.00	37.37	73	1.861	2.039	2.228				
9	31.06	33.22	35.44	74	1.793	1.966	2.150				
10	29.52	31.53	33.61	75	1.728	1.896	2.075				
11	28.06	29.95	31.88	76	1.666	1.829	2.003				
12	26.68	28.45	30.26	77	1.606	1.764	1.933				
13	25.38	27.03	28.72	78	1.548	1.702	1.867				
14	24.15	25.70	27.27	79	1.493	1.643	1.803				
15	22.99	24.43	25.91	80	1.440	1.586	1.741				
16	21.88	23.24	24.61	81	1.389	1.531	1.682				
17	20.84	22.11	23.39	82	1.340	1.478	1.625				
18	19.85	21.04	22.24	83	1.293	1.427	1.571				
19	18.92	20.03	21.15	84	1.248	1.378	1.518				
20	18.03	19.07	20.12	85	1.205	1.331	1.467				
21	17.19	18.17	19.15	86	1.163	1.286	1.418				
22	16.40	17.31	18.23	87	1.122	1.242	1.371				
23	15.64	16.50	17.36	88	1.084	1.200	1.325				
24	14.93	15.73	16.53	89	1.046	1.159	1.281				
25	14.25	15.00	15.75	90	1.010	1.120	1.239				