

ERTJ1VR223J R-T Characteristics

(for reference)

$$R_{25} = 22 \text{ kohm} \quad \pm 5\%$$

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

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	835.5	948.2	1073	25	20.90	22.00	23.10	90	1.482	1.643	1.817
-39	779.7	883.7	999.0	26	19.92	20.99	22.06	91	1.431	1.588	1.757
-38	728.1	824.0	930.2	27	18.99	20.03	21.07	92	1.383	1.535	1.700
-37	680.1	768.7	866.6	28	18.11	19.11	20.13	93	1.336	1.484	1.644
-36	635.7	717.4	807.7	29	17.27	18.25	19.23	94	1.291	1.435	1.591
-35	594.4	669.9	753.1	30	16.48	17.43	18.38	95	1.247	1.388	1.540
-34	556.0	625.8	702.6	31	15.73	16.65	17.58	96	1.206	1.342	1.490
-33	520.4	584.9	655.8	32	15.01	15.90	16.81	97	1.166	1.299	1.443
-32	487.2	546.9	612.4	33	14.33	15.20	16.08	98	1.127	1.257	1.397
-31	456.4	511.6	572.1	34	13.69	14.53	15.38	99	1.091	1.216	1.353
-30	427.7	478.8	534.7	35	13.08	13.89	14.72	100	1.055	1.178	1.311
-29	401.0	448.3	500.0	36	12.50	13.29	14.09	101	1.021	1.140	1.270
-28	376.1	419.9	467.7	37	11.95	12.71	13.50	102	0.9884	1.105	1.231
-27	352.9	393.5	437.7	38	11.42	12.17	12.93	103	0.9570	1.070	1.194
-26	331.2	368.9	409.8	39	10.92	11.64	12.38	104	0.9267	1.037	1.157
-25	311.1	346.0	383.9	40	10.45	11.15	11.86	105	0.8976	1.005	1.122
-24	292.3	324.8	359.9	41	10.00	10.67	11.37	106	0.8696	0.9743	1.089
-23	274.7	304.8	337.3	42	9.565	10.22	10.90	107	0.8427	0.9446	1.056
-22	258.3	286.2	316.3	43	9.156	9.795	10.45	108	0.8167	0.9161	1.025
-21	242.9	268.8	296.8	44	8.767	9.387	10.03	109	0.7916	0.8885	0.9948
-20	228.6	252.6	278.5	45	8.396	8.997	9.617	110	0.7675	0.8619	0.9656
-19	215.1	237.5	261.5	46	8.042	8.625	9.228	111	0.7442	0.8363	0.9374
-18	202.6	223.4	245.7	47	7.705	8.271	8.856	112	0.7217	0.8115	0.9102
-17	190.8	210.2	230.9	48	7.384	7.933	8.501	113	0.7001	0.7876	0.8840
-16	179.8	197.8	217.0	49	7.078	7.611	8.163	114	0.6791	0.7646	0.8586
-15	169.5	186.2	204.1	50	6.786	7.303	7.839	115	0.6589	0.7423	0.8340
-14	159.9	175.4	192.0	51	6.508	7.009	7.530	116	0.6394	0.7207	0.8103
-13	150.8	165.3	180.7	52	6.242	6.728	7.234	117	0.6206	0.6999	0.7874
-12	142.3	155.8	170.1	53	5.989	6.460	6.952	118	0.6024	0.6798	0.7651
-11	134.4	146.9	160.2	54	5.747	6.204	6.682	119	0.5848	0.6603	0.7437
-10	126.9	138.6	151.0	55	5.516	5.960	6.423	120	0.5678	0.6414	0.7229
-9	119.9	130.8	142.3	56	5.295	5.726	6.176	121	0.5513	0.6232	0.7027
-8	113.3	123.5	134.2	57	5.084	5.502	5.940	122	0.5354	0.6056	0.6832
-7	107.1	116.6	126.6	58	4.883	5.289	5.714	123	0.5200	0.5885	0.6643
-6	101.3	110.1	119.4	59	4.691	5.084	5.497	124	0.5051	0.5719	0.6460
-5	95.83	104.1	112.7	60	4.507	4.889	5.290	125	0.4907	0.5559	0.6283
-4	90.68	98.36	106.4	61	4.331	4.702	5.092				
-3	85.85	93.01	100.5	62	4.163	4.523	4.902				
-2	81.29	87.98	94.97	63	4.002	4.352	4.720				
-1	77.01	83.25	89.77	64	3.848	4.188	4.545				
0	72.97	78.80	84.87	65	3.701	4.031	4.378				
1	69.17	74.61	80.27	66	3.561	3.880	4.218				
2	65.58	70.66	75.95	67	3.426	3.736	4.065				
3	62.20	66.95	71.88	68	3.297	3.598	3.918				
4	59.01	63.44	68.04	69	3.173	3.466	3.777				
5	56.00	60.14	64.43	70	3.055	3.340	3.641				
6	53.16	57.03	61.03	71	2.942	3.218	3.511				
7	50.48	54.10	57.83	72	2.833	3.102	3.387				
8	47.94	51.33	54.82	73	2.730	2.990	3.268				
9	45.55	48.72	51.97	74	2.630	2.883	3.153				
10	43.29	46.25	49.29	75	2.535	2.781	3.043				
11	41.15	43.92	46.76	76	2.443	2.682	2.937				
12	39.14	41.73	44.38	77	2.355	2.588	2.836				
13	37.23	39.65	42.13	78	2.271	2.497	2.738				
14	35.42	37.69	40.00	79	2.190	2.409	2.644				
15	33.71	35.84	38.00	80	2.112	2.326	2.554				
16	32.10	34.08	36.10	81	2.038	2.245	2.467				
17	30.57	32.43	34.31	82	1.966	2.167	2.384				
18	29.12	30.86	32.62	83	1.897	2.093	2.303				
19	27.75	29.38	31.02	84	1.831	2.021	2.226				
20	26.45	27.97	29.51	85	1.767	1.952	2.151				
21	25.22	26.65	28.08	86	1.705	1.886	2.080				
22	24.05	25.39	26.73	87	1.646	1.822	2.010				
23	22.94	24.20	25.46	88	1.589	1.760	1.943				
24	21.89	23.07	24.25	89	1.535	1.700	1.879				
25	20.90	22.00	23.10	90	1.482	1.643	1.817				