

ERTJ1VA220H R-T Characteristics (for reference)

$R_{25} = 22 \text{ ohm } \pm 3\%$

$B_{25/50} = 2750 \text{ K } \pm 3\%$

Temp. Resistance (ohm)			Temp. Resistance (ohm)			Temp. Resistance (ohm)					
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	257.8	287.1	319.4	25	21.34	22.00	22.66	90	4.012	4.342	4.695
-39	245.6	273.1	303.4	26	20.67	21.33	21.99	91	3.932	4.258	4.608
-38	234.1	259.9	288.3	27	20.03	20.69	21.35	92	3.855	4.177	4.522
-37	223.2	247.4	274.0	28	19.41	20.06	20.72	93	3.779	4.098	4.439
-36	212.9	235.6	260.6	29	18.81	19.46	20.12	94	3.706	4.020	4.358
-35	203.1	224.5	248.0	30	18.24	18.89	19.54	95	3.635	3.945	4.279
-34	193.9	214.0	236.0	31	17.68	18.33	18.98	96	3.565	3.872	4.202
-33	185.2	204.1	224.7	32	17.15	17.79	18.44	97	3.498	3.801	4.127
-32	176.9	194.7	214.1	33	16.64	17.28	17.92	98	3.432	3.732	4.054
-31	169.0	185.8	204.0	34	16.14	16.78	17.42	99	3.368	3.664	3.983
-30	161.6	177.4	194.5	35	15.66	16.29	16.94	100	3.306	3.599	3.914
-29	154.5	169.4	185.5	36	15.20	15.83	16.47	101	3.246	3.535	3.846
-28	147.8	161.8	176.9	37	14.76	15.38	16.01	102	3.187	3.473	3.781
-27	141.5	154.6	168.9	38	14.33	14.95	15.58	103	3.130	3.412	3.717
-26	135.4	147.8	161.2	39	13.92	14.53	15.15	104	3.074	3.353	3.655
-25	129.7	141.4	154.0	40	13.52	14.13	14.75	105	3.020	3.296	3.594
-24	124.2	135.2	147.1	41	13.14	13.74	14.35	106	2.967	3.240	3.534
-23	119.1	129.4	140.6	42	12.77	13.36	13.97	107	2.916	3.185	3.477
-22	114.1	123.9	134.4	43	12.41	13.00	13.60	108	2.865	3.132	3.420
-21	109.4	118.7	128.6	44	12.07	12.65	13.25	109	2.816	3.080	3.365
-20	105.0	113.7	123.0	45	11.73	12.31	12.90	110	2.769	3.029	3.311
-19	100.7	109.0	117.7	46	11.41	11.98	12.57	111	2.722	2.980	3.259
-18	96.69	104.5	112.7	47	11.10	11.67	12.25	112	2.677	2.932	3.208
-17	92.84	100.2	108.0	48	10.80	11.36	11.93	113	2.633	2.885	3.158
-16	89.17	96.08	103.4	49	10.51	11.06	11.63	114	2.590	2.839	3.109
-15	85.67	92.20	99.13	50	10.23	10.78	11.34	115	2.548	2.794	3.062
-14	82.33	88.49	95.03	51	9.962	10.50	11.06	116	2.506	2.750	3.015
-13	79.14	84.96	91.13	52	9.701	10.23	10.78	117	2.466	2.708	2.970
-12	76.10	81.60	87.42	53	9.448	9.974	10.52	118	2.427	2.666	2.926
-11	73.20	78.40	83.89	54	9.203	9.722	10.26	119	2.389	2.625	2.882
-10	70.43	75.34	80.52	55	8.965	9.479	10.01	120	2.352	2.586	2.840
-9	67.78	72.42	77.31	56	8.736	9.243	9.772	121	2.316	2.547	2.799
-8	65.25	69.64	74.25	57	8.514	9.015	9.537	122	2.280	2.509	2.758
-7	62.83	66.98	71.33	58	8.299	8.794	9.310	123	2.246	2.472	2.719
-6	60.52	64.44	68.55	59	8.091	8.580	9.090	124	2.212	2.436	2.680
-5	58.31	62.01	65.89	60	7.889	8.372	8.877	125	2.179	2.401	2.643
-4	56.20	59.70	63.36	61	7.694	8.171	8.670				
-3	54.17	57.48	60.93	62	7.505	7.976	8.469				
-2	52.23	55.36	58.62	63	7.322	7.787	8.275				
-1	50.38	53.33	56.41	64	7.145	7.604	8.086				
0	48.60	51.39	54.30	65	6.973	7.427	7.903				
1	46.90	49.54	52.28	66	6.806	7.254	7.725				
2	45.26	47.76	50.35	67	6.645	7.088	7.553				
3	43.70	46.06	48.50	68	6.489	6.926	7.385				
4	42.19	44.43	46.73	69	6.338	6.769	7.223				
5	40.75	42.86	45.04	70	6.191	6.617	7.066				
6	39.37	41.36	43.42	71	6.049	6.469	6.913				
7	38.04	39.93	41.87	72	5.911	6.326	6.764				
8	36.77	38.55	40.38	73	5.777	6.187	6.620				
9	35.55	37.23	38.95	74	5.647	6.052	6.479				
10	34.37	35.96	37.59	75	5.521	5.921	6.343				
11	33.24	34.74	36.28	76	5.399	5.793	6.210				
12	32.16	33.58	35.03	77	5.280	5.669	6.082				
13	31.12	32.46	33.82	78	5.164	5.549	5.956				
14	30.12	31.38	32.67	79	5.052	5.432	5.835				
15	29.16	30.35	31.56	80	4.944	5.318	5.716				
16	28.23	29.36	30.50	81	4.838	5.208	5.601				
17	27.34	28.40	29.48	82	4.735	5.101	5.489				
18	26.49	27.49	28.50	83	4.636	4.996	5.380				
19	25.66	26.61	27.57	84	4.539	4.895	5.274				
20	24.87	25.76	26.66	85	4.445	4.796	5.171				
21	24.11	24.95	25.80	86	4.353	4.701	5.071				
22	23.38	24.17	24.97	87	4.264	4.607	4.973				
23	22.67	23.42	24.17	88	4.178	4.517	4.878				
24	21.99	22.70	23.40	89	4.094	4.428	4.786				
25	21.34	22.00	22.66	90	4.012	4.342	4.695				