

ERTJ1VA220J R-T Characteristics

(for reference)

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

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

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.	T(deg.C)	R min.	R cen.	R max.		
-40	252.5	287.1	325.6	25	20.90	22.00	23.10	90	3.929	4.342	4.787						
-39	240.5	273.1	309.2	26	20.25	21.33	22.42	91	3.851	4.258	4.697						
-38	229.3	259.9	293.9	27	19.61	20.69	21.76	92	3.775	4.177	4.610						
-37	218.6	247.4	279.4	28	19.01	20.06	21.12	93	3.701	4.098	4.525						
-36	208.5	235.6	265.7	29	18.42	19.46	20.51	94	3.629	4.020	4.442						
-35	198.9	224.5	252.8	30	17.86	18.89	19.92	95	3.560	3.945	4.362						
-34	189.9	214.0	240.6	31	17.32	18.33	19.35	96	3.492	3.872	4.283						
-33	181.3	204.1	229.1	32	16.80	17.79	18.80	97	3.426	3.801	4.207						
-32	173.2	194.7	218.2	33	16.29	17.28	18.27	98	3.361	3.732	4.133						
-31	165.5	185.8	208.0	34	15.81	16.78	17.76	99	3.299	3.664	4.060						
-30	158.3	177.4	198.3	35	15.34	16.29	17.26	100	3.238	3.599	3.990						
-29	151.3	169.4	189.1	36	14.89	15.83	16.79	101	3.179	3.535	3.921						
-28	144.8	161.8	180.4	37	14.46	15.38	16.32	102	3.122	3.473	3.854						
-27	138.6	154.6	172.2	38	14.04	14.95	15.88	103	3.066	3.412	3.789						
-26	132.6	147.8	164.4	39	13.63	14.53	15.45	104	3.011	3.353	3.726						
-25	127.0	141.4	157.0	40	13.24	14.13	15.03	105	2.958	3.296	3.664						
-24	121.7	135.2	150.0	41	12.87	13.74	14.63	106	2.906	3.240	3.603						
-23	116.6	129.4	143.3	42	12.51	13.36	14.24	107	2.856	3.185	3.544						
-22	111.8	123.9	137.0	43	12.16	13.00	13.87	108	2.806	3.132	3.487						
-21	107.2	118.7	131.1	44	11.82	12.65	13.50	109	2.758	3.080	3.430						
-20	102.8	113.7	125.4	45	11.49	12.31	13.15	110	2.712	3.029	3.376						
-19	98.66	109.0	120.0	46	11.18	11.98	12.81	111	2.666	2.980	3.322						
-18	94.70	104.5	114.9	47	10.87	11.67	12.48	112	2.622	2.932	3.270						
-17	90.93	100.2	110.1	48	10.58	11.36	12.17	113	2.578	2.885	3.219						
-16	87.33	96.08	105.4	49	10.30	11.06	11.86	114	2.536	2.839	3.170						
-15	83.90	92.20	101.1	50	10.02	10.78	11.56	115	2.495	2.794	3.121						
-14	80.63	88.49	96.88	51	9.757	10.50	11.27	116	2.455	2.750	3.074						
-13	77.51	84.96	92.90	52	9.501	10.23	10.99	117	2.416	2.708	3.027						
-12	74.53	81.60	89.12	53	9.253	9.974	10.72	118	2.377	2.666	2.982						
-11	71.69	78.40	85.52	54	9.013	9.722	10.46	119	2.340	2.625	2.938						
-10	68.98	75.34	82.08	55	8.781	9.479	10.21	120	2.304	2.586	2.895						
-9	66.38	72.42	78.81	56	8.556	9.243	9.961	121	2.268	2.547	2.853						
-8	63.91	69.64	75.69	57	8.338	9.015	9.723	122	2.233	2.509	2.812						
-7	61.54	66.98	72.72	58	8.128	8.794	9.491	123	2.199	2.472	2.772						
-6	59.28	64.44	69.88	59	7.924	8.580	9.267	124	2.166	2.436	2.732						
-5	57.11	62.01	67.17	60	7.726	8.372	9.049	125	2.134	2.401	2.694						
-4	55.04	59.70	64.59	61	7.535	8.171	8.838										
-3	53.06	57.48	62.12	62	7.350	7.976	8.634										
-2	51.16	55.36	59.76	63	7.171	7.787	8.435										
-1	49.34	53.33	57.51	64	6.997	7.604	8.243										
0	47.60	51.39	55.36	65	6.829	7.427	8.056										
1	45.93	49.54	53.30	66	6.666	7.254	7.875										
2	44.33	47.76	51.33	67	6.508	7.088	7.699										
3	42.80	46.06	49.44	68	6.355	6.926	7.529										
4	41.32	44.43	47.64	69	6.207	6.769	7.363										
5	39.91	42.86	45.91	70	6.064	6.617	7.203										
6	38.56	41.36	44.26	71	5.924	6.469	7.047										
7	37.26	39.93	42.68	72	5.789	6.326	6.895										
8	36.01	38.55	41.16	73	5.658	6.187	6.748										
9	34.81	37.23	39.71	74	5.531	6.052	6.605										
10	33.66	35.96	38.32	75	5.407	5.921	6.466										
11	32.56	34.74	36.99	76	5.287	5.793	6.331										
12	31.50	33.58	35.71	77	5.171	5.669	6.200										
13	30.48	32.46	34.48	78	5.058	5.549	6.072										
14	29.50	31.38	33.30	79	4.948	5.432	5.948										
15	28.55	30.35	32.18	80	4.842	5.318	5.827										
16	27.65	29.36	31.09	81	4.738	5.208	5.710										
17	26.78	28.40	30.05	82	4.638	5.101	5.596										
18	25.94	27.49	29.06	83	4.540	4.996	5.485										
19	25.14	26.61	28.10	84	4.445	4.895	5.377										
20	24.36	25.76	27.18	85	4.353	4.796	5.272										
21	23.61	24.95	26.30	86	4.264	4.701	5.170										
22	22.90	24.17	25.45	87	4.176	4.607	5.070										
23	22.21	23.42	24.64	88	4.092	4.517	4.973										
24	21.54	22.70	23.85	89	4.009	4.428	4.879										
25	20.90	22.00	23.10	90	3.929	4.342	4.787										