

ERTJ1VA470J R-T Characteristics

(for reference)

$$R_{25} = 47 \text{ ohm} \quad \pm 5\%$$

$$B_{25/50} = 2800 \text{ K} \quad \pm 3\%$$

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.
-40	548.6	624.1	708.2	25	44.65	47.00	49.35	90	7.945	8.794	9.710
-39	522.8	593.8	672.8	26	43.23	45.55	47.87	91	7.776	8.613	9.516
-38	498.4	565.2	639.5	27	41.86	44.15	46.44	92	7.612	8.436	9.326
-37	475.2	538.2	608.0	28	40.55	42.80	45.07	93	7.452	8.264	9.141
-36	453.4	512.7	578.3	29	39.28	41.50	43.74	94	7.296	8.096	8.962
-35	432.7	488.6	550.3	30	38.06	40.25	42.46	95	7.145	7.933	8.786
-34	413.0	465.8	523.9	31	36.89	39.05	41.23	96	6.997	7.774	8.616
-33	394.5	444.2	498.9	32	35.76	37.89	40.04	97	6.854	7.620	8.449
-32	376.8	423.7	475.3	33	34.67	36.77	38.89	98	6.715	7.469	8.287
-31	360.1	404.4	452.9	34	33.63	35.69	37.79	99	6.579	7.322	8.129
-30	344.3	386.0	431.8	35	32.62	34.65	36.72	100	6.447	7.179	7.976
-29	329.2	368.7	411.8	36	31.64	33.65	35.68	101	6.318	7.040	7.826
-28	315.0	352.2	392.8	37	30.71	32.68	34.69	102	6.193	6.905	7.679
-27	301.4	336.6	374.9	38	29.80	31.74	33.72	103	6.070	6.772	7.536
-26	288.5	321.8	357.9	39	28.93	30.84	32.79	104	5.951	6.643	7.397
-25	276.3	307.7	341.8	40	28.09	29.97	31.90	105	5.835	6.518	7.261
-24	264.7	294.4	326.7	41	27.28	29.13	31.03	106	5.722	6.395	7.129
-23	253.6	281.7	312.1	42	26.49	28.32	30.19	107	5.612	6.275	6.999
-22	243.1	269.7	298.4	43	25.74	27.53	29.38	108	5.505	6.159	6.873
-21	233.1	258.2	285.3	44	25.01	26.77	28.59	109	5.400	6.045	6.750
-20	223.5	247.3	272.9	45	24.30	26.04	27.83	110	5.298	5.934	6.630
-19	214.4	236.9	261.2	46	23.62	25.33	27.10	111	5.198	5.826	6.512
-18	205.8	227.1	250.0	47	22.97	24.65	26.39	112	5.101	5.720	6.398
-17	197.5	217.7	239.3	48	22.33	23.99	25.70	113	5.006	5.617	6.286
-16	189.7	208.8	229.2	49	21.72	23.35	25.03	114	4.914	5.516	6.177
-15	182.2	200.3	219.6	50	21.13	22.73	24.39	115	4.824	5.418	6.070
-14	175.0	192.2	210.5	51	20.55	22.13	23.77	116	4.736	5.322	5.966
-13	168.2	184.5	201.8	52	20.00	21.55	23.16	117	4.651	5.229	5.864
-12	161.7	177.1	193.5	53	19.46	20.99	22.58	118	4.567	5.138	5.765
-11	155.5	170.1	185.6	54	18.94	20.45	22.01	119	4.486	5.049	5.668
-10	149.5	163.4	178.1	55	18.44	19.92	21.46	120	4.406	4.962	5.573
-9	143.9	157.0	170.9	56	17.96	19.41	20.93	121	4.328	4.877	5.481
-8	138.4	150.9	164.1	57	17.49	18.92	20.41	122	4.253	4.794	5.390
-7	133.3	145.1	157.6	58	17.03	18.44	19.91	123	4.179	4.713	5.302
-6	128.3	139.5	151.4	59	16.59	17.98	19.43	124	4.107	4.634	5.216
-5	123.6	134.2	145.5	60	16.17	17.53	18.96	125	4.036	4.557	5.132
-4	119.0	129.2	139.8	61	15.75	17.09	18.50				
-3	114.7	124.3	134.4	62	15.36	16.67	18.06				
-2	110.6	119.7	129.2	63	14.97	16.27	17.63				
-1	106.6	115.3	124.3	64	14.59	15.87	17.21				
0	102.8	111.0	119.6	65	14.23	15.49	16.81				
1	99.15	107.0	115.1	66	13.88	15.11	16.42				
2	95.66	103.1	110.8	67	13.54	14.75	16.04				
3	92.31	99.38	106.7	68	13.20	14.40	15.67				
4	89.10	95.82	102.8	69	12.88	14.06	15.31				
5	86.02	92.41	99.01	70	12.57	13.73	14.96				
6	83.07	89.14	95.41	71	12.27	13.41	14.62				
7	80.24	86.01	91.96	72	11.98	13.10	14.29				
8	77.52	83.00	88.65	73	11.69	12.80	13.97				
9	74.91	80.12	85.49	74	11.42	12.51	13.66				
10	72.40	77.36	82.45	75	11.15	12.22	13.36				
11	70.00	74.71	79.55	76	10.89	11.94	13.07				
12	67.69	72.17	76.76	77	10.64	11.68	12.78				
13	65.47	69.73	74.09	78	10.39	11.41	12.50				
14	63.33	67.39	71.53	79	10.15	11.16	12.23				
15	61.28	65.14	69.07	80	9.924	10.91	11.97				
16	59.31	62.99	66.72	81	9.699	10.67	11.72				
17	57.42	60.91	64.46	82	9.481	10.44	11.47				
18	55.60	58.92	62.29	83	9.269	10.21	11.23				
19	53.85	57.01	60.21	84	9.064	9.994	10.99				
20	52.16	55.17	58.21	85	8.864	9.780	10.76				
21	50.54	53.41	56.29	86	8.670	9.572	10.54				
22	48.99	51.71	54.45	87	8.481	9.370	10.33				
23	47.48	50.08	52.68	88	8.297	9.173	10.115				
24	46.04	48.51	50.98	89	8.119	8.981	9.910				
25	44.65	47.00	49.35	90	7.945	8.794	9.710				