

ERTJ0EA470J R-T Characteristics

(for reference)

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

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

Temp. T(deg.C)	Resistance (ohm)			Temp. T(deg.C)	Resistance (ohm)			Temp. T(deg.C)	Resistance (ohm)		
	R min.	R cen.	R max.		R min.	R cen.	R max.		R min.	R cen.	R max.
-40	539.4	613.3	695.5	25	44.65	47.00	49.35	90	8.394	9.276	10.23
-39	513.9	583.4	660.7	26	43.25	45.57	47.89	91	8.227	9.097	10.03
-38	489.8	555.2	627.8	27	41.90	44.19	46.49	92	8.065	8.923	9.848
-37	467.0	528.6	596.8	28	40.61	42.86	45.13	93	7.907	8.754	9.667
-36	445.4	503.4	567.6	29	39.36	41.58	43.82	94	7.754	8.589	9.490
-35	425.0	479.7	540.0	30	38.16	40.35	42.56	95	7.605	8.428	9.318
-34	405.7	457.2	514.0	31	37.00	39.16	41.34	96	7.460	8.272	9.151
-33	387.4	436.0	489.4	32	35.88	38.01	40.17	97	7.319	8.120	8.988
-32	370.1	415.9	466.2	33	34.81	36.91	39.03	98	7.181	7.972	8.829
-31	353.7	396.9	444.3	34	33.77	35.84	37.94	99	7.048	7.829	8.674
-30	338.1	378.9	423.5	35	32.77	34.81	36.88	100	6.918	7.689	8.524
-29	323.3	361.8	403.9	36	31.81	33.82	35.86	101	6.792	7.552	8.377
-28	309.3	345.7	385.4	37	30.88	32.86	34.88	102	6.669	7.420	8.234
-27	296.0	330.4	367.8	38	29.99	31.94	33.92	103	6.549	7.290	8.095
-26	283.4	315.8	351.1	39	29.13	31.04	33.00	104	6.433	7.164	7.959
-25	271.4	302.1	335.4	40	28.29	30.18	32.11	105	6.319	7.041	7.827
-24	259.9	288.9	320.4	41	27.49	29.35	31.26	106	6.208	6.922	7.698
-23	249.1	276.5	306.2	42	26.72	28.55	30.43	107	6.100	6.805	7.572
-22	238.8	264.7	292.8	43	25.97	27.77	29.62	108	5.995	6.691	7.449
-21	229.0	253.6	280.0	44	25.25	27.02	28.85	109	5.893	6.580	7.329
-20	219.7	242.9	267.9	45	24.55	26.30	28.10	110	5.793	6.472	7.212
-19	210.8	232.8	256.4	46	23.88	25.60	27.37	111	5.696	6.366	7.098
-18	202.3	223.2	245.5	47	23.23	24.92	26.67	112	5.601	6.263	6.986
-17	194.3	214.0	235.1	48	22.60	24.27	25.99	113	5.508	6.163	6.878
-16	186.6	205.3	225.3	49	22.00	23.64	25.33	114	5.418	6.065	6.771
-15	179.2	197.0	215.9	50	21.41	23.03	24.70	115	5.330	5.969	6.668
-14	172.3	189.1	207.0	51	20.84	22.43	24.08	116	5.244	5.876	6.567
-13	165.6	181.5	198.5	52	20.30	21.86	23.49	117	5.161	5.785	6.468
-12	159.2	174.3	190.4	53	19.77	21.31	22.91	118	5.079	5.696	6.371
-11	153.2	167.5	182.7	54	19.25	20.77	22.35	119	4.999	5.609	6.277
-10	147.4	161.0	175.4	55	18.76	20.25	21.81	120	4.921	5.524	6.185
-9	141.8	154.7	168.4	56	18.28	19.75	21.28	121	4.845	5.441	6.095
-8	136.5	148.8	161.7	57	17.81	19.26	20.77	122	4.771	5.360	6.007
-7	131.5	143.1	155.3	58	17.36	18.79	20.28	123	4.699	5.281	5.921
-6	126.6	137.7	149.3	59	16.93	18.33	19.80	124	4.628	5.204	5.837
-5	122.0	132.5	143.5	60	16.51	17.89	19.33	125	4.559	5.129	5.755
-4	117.6	127.5	138.0	61	16.10	17.46	18.88				
-3	113.3	122.8	132.7	62	15.70	17.04	18.44				
-2	109.3	118.3	127.7	63	15.32	16.64	18.02				
-1	105.4	113.9	122.9	64	14.95	16.24	17.61				
0	101.7	109.8	118.3	65	14.59	15.87	17.21				
1	98.12	105.8	113.9	66	14.24	15.50	16.82				
2	94.70	102.0	109.7	67	13.90	15.14	16.45				
3	91.43	98.40	105.6	68	13.58	14.80	16.08				
4	88.28	94.91	101.8	69	13.26	14.46	15.73				
5	85.27	91.57	98.09	70	12.95	14.14	15.39				
6	82.37	88.37	94.56	71	12.66	13.82	15.05				
7	79.60	85.30	91.18	72	12.37	13.51	14.73				
8	76.93	82.35	87.94	73	12.09	13.22	14.42				
9	74.37	79.53	84.84	74	11.82	12.93	14.11				
10	71.92	76.82	81.86	75	11.55	12.65	13.81				
11	69.56	74.23	79.01	76	11.30	12.38	13.53				
12	67.29	71.73	76.28	77	11.05	12.11	13.24				
13	65.11	69.34	73.66	78	10.81	11.85	12.97				
14	63.02	67.04	71.15	79	10.57	11.60	12.71				
15	61.00	64.84	68.74	80	10.34	11.36	12.45				
16	59.07	62.72	66.43	81	10.12	11.13	12.20				
17	57.21	60.68	64.21	82	9.908	10.90	11.95				
18	55.42	58.73	62.08	83	9.699	10.67	11.72				
19	53.70	56.85	60.03	84	9.497	10.46	11.49				
20	52.04	55.04	58.07	85	9.300	10.25	11.26				
21	50.45	53.31	56.18	86	9.109	10.04	11.04				
22	48.92	51.64	54.37	87	8.922	9.843	10.83				
23	47.44	50.03	52.63	88	8.741	9.649	10.62				
24	46.02	48.49	50.96	89	8.565	9.460	10.42				
25	44.65	47.00	49.35	90	8.394	9.276	10.23				