

ERTJ1VA400H R-T Characteristics

(for reference)

$$R_{25} = 40 \text{ ohm } \pm 3\%$$

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

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	476.8	531.2	591.2	25	38.80	40.00	41.20	90	6.904	7.485	8.107
-39	454.3	505.4	561.7	26	37.57	38.76	39.96	91	6.757	7.330	7.944
-38	433.1	481.0	533.9	27	36.38	37.57	38.77	92	6.614	7.179	7.786
-37	413.0	458.1	507.6	28	35.24	36.43	37.63	93	6.475	7.033	7.632
-36	394.0	436.3	482.8	29	34.14	35.32	36.52	94	6.340	6.890	7.482
-35	376.0	415.8	459.4	30	33.08	34.26	35.45	95	6.209	6.752	7.335
-34	358.9	396.4	437.4	31	32.06	33.23	34.42	96	6.081	6.616	7.193
-33	342.8	378.0	416.5	32	31.08	32.25	33.43	97	5.956	6.485	7.054
-32	327.5	360.6	396.8	33	30.13	31.29	32.47	98	5.835	6.357	6.919
-31	313.0	344.1	378.1	34	29.22	30.37	31.55	99	5.717	6.232	6.787
-30	299.2	328.5	360.5	35	28.34	29.49	30.65	100	5.602	6.110	6.658
-29	286.1	313.8	343.8	36	27.50	28.63	29.79	101	5.490	5.992	6.533
-28	273.7	299.7	328.0	37	26.68	27.81	28.96	102	5.381	5.876	6.411
-27	261.9	286.5	313.0	38	25.90	27.01	28.15	103	5.275	5.764	6.292
-26	250.7	273.8	298.8	39	25.14	26.25	27.38	104	5.172	5.654	6.176
-25	240.1	261.9	285.4	40	24.41	25.51	26.63	105	5.071	5.547	6.062
-24	230.1	250.6	272.7	41	23.70	24.79	25.90	106	4.973	5.442	5.951
-23	220.4	239.8	260.6	42	23.02	24.10	25.20	107	4.877	5.341	5.843
-22	211.2	229.5	249.1	43	22.37	23.43	24.52	108	4.783	5.241	5.738
-21	202.5	219.7	238.2	44	21.73	22.79	23.87	109	4.692	5.145	5.635
-20	194.2	210.5	227.8	45	21.12	22.16	23.24	110	4.604	5.050	5.535
-19	186.3	201.6	218.0	46	20.53	21.56	22.62	111	4.517	4.958	5.437
-18	178.8	193.3	208.7	47	19.96	20.98	22.03	112	4.433	4.868	5.341
-17	171.6	185.3	199.8	48	19.41	20.41	21.46	113	4.351	4.780	5.248
-16	164.8	177.7	191.4	49	18.87	19.87	20.90	114	4.270	4.695	5.156
-15	158.3	170.4	183.4	50	18.36	19.34	20.36	115	4.192	4.611	5.067
-14	152.1	163.6	175.7	51	17.86	18.83	19.84	116	4.116	4.530	4.981
-13	146.2	157.0	168.5	52	17.38	18.34	19.34	117	4.041	4.450	4.896
-12	140.5	150.7	161.5	53	16.91	17.86	18.85	118	3.969	4.372	4.813
-11	135.1	144.7	155.0	54	16.46	17.40	18.38	119	3.898	4.297	4.732
-10	129.9	139.1	148.7	55	16.03	16.95	17.92	120	3.829	4.223	4.653
-9	125.0	133.6	142.7	56	15.61	16.52	17.47	121	3.761	4.150	4.576
-8	120.3	128.4	137.0	57	15.20	16.10	17.04	122	3.696	4.080	4.500
-7	115.8	123.5	131.6	58	14.80	15.69	16.63	123	3.631	4.011	4.426
-6	111.5	118.8	126.4	59	14.42	15.30	16.22	124	3.569	3.944	4.355
-5	107.4	114.2	121.4	60	14.05	14.92	15.83	125	3.508	3.878	4.284
-4	103.4	109.9	116.7	61	13.69	14.55	15.45				
-3	99.68	105.8	112.2	62	13.34	14.19	15.08				
-2	96.07	101.9	107.9	63	13.01	13.84	14.72				
-1	92.63	98.09	103.8	64	12.68	13.51	14.37				
0	89.32	94.49	99.87	65	12.37	13.18	14.03				
1	86.16	91.04	96.12	66	12.06	12.86	13.71				
2	83.12	87.74	92.53	67	11.76	12.56	13.39				
3	80.22	84.58	89.09	68	11.47	12.26	13.08				
4	77.43	81.55	85.81	69	11.20	11.97	12.78				
5	74.75	78.64	82.66	70	10.93	11.69	12.49				
6	72.19	75.86	79.65	71	10.66	11.41	12.21				
7	69.72	73.20	76.77	72	10.41	11.15	11.93				
8	67.36	70.64	74.01	73	10.16	10.89	11.67				
9	65.09	68.19	71.37	74	9.922	10.64	11.41				
10	62.92	65.84	68.84	75	9.689	10.40	11.15				
11	60.83	63.59	66.41	76	9.463	10.17	10.91				
12	58.82	61.42	64.08	77	9.244	9.936	10.67				
13	56.89	59.35	61.85	78	9.031	9.714	10.44				
14	55.04	57.35	59.72	79	8.824	9.498	10.21				
15	53.25	55.44	57.67	80	8.623	9.288	10.00				
16	51.54	53.61	55.70	81	8.428	9.084	9.782				
17	49.90	51.84	53.81	82	8.239	8.886	9.575				
18	48.31	50.15	52.00	83	8.055	8.693	9.374				
19	46.79	48.52	50.27	84	7.876	8.506	9.178				
20	45.33	46.96	48.60	85	7.703	8.324	8.987				
21	43.92	45.45	47.00	86	7.534	8.147	8.801				
22	42.57	44.01	45.46	87	7.370	7.974	8.621				
23	41.26	42.62	43.98	88	7.210	7.807	8.445				
24	40.01	41.28	42.56	89	7.055	7.643	8.273				
25	38.80	40.00	41.20	90	6.904	7.485	8.107				