

**ERTJ1VS104HA R-T Characteristics** (for reference)

$R_{25} = 100 \text{ kohm } \pm 3\%$

$B_{25/85} = 4390 \text{ K } \pm 1\%$

Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)			Temp. T(deg.C)	Resistance (kohm)		
	R min.	R cen.	R max.		R min.	R cen.	R max.		R min.	R cen.	R max.
-40	4251	4553	4872	25	97.00	100.0	103.0	90	6.743	7.138	7.549
-39	3960	4238	4532	26	92.42	95.32	98.23	91	6.515	6.898	7.298
-38	3691	3947	4218	27	88.07	90.88	93.70	92	6.295	6.668	7.057
-37	3442	3678	3928	28	83.95	86.67	89.40	93	6.084	6.447	6.825
-36	3211	3429	3659	29	80.05	82.68	85.33	94	5.881	6.234	6.601
-35	2997	3199	3411	30	76.35	78.90	81.46	95	5.686	6.028	6.386
-34	2799	2985	3181	31	72.84	75.31	77.78	96	5.498	5.831	6.179
-33	2615	2787	2968	32	69.51	71.89	74.30	97	5.317	5.641	5.980
-32	2444	2603	2770	33	66.35	68.66	70.98	98	5.142	5.458	5.787
-31	2286	2433	2587	34	63.34	65.58	67.83	99	4.975	5.282	5.602
-30	2138	2274	2417	35	60.49	62.66	64.84	100	4.813	5.112	5.424
-29	2001	2127	2259	36	57.79	59.88	61.99	101	4.658	4.948	5.252
-28	1874	1991	2113	37	55.21	57.24	59.29	102	4.508	4.791	5.087
-27	1756	1864	1977	38	52.77	54.73	56.71	103	4.364	4.639	4.927
-26	1645	1745	1850	39	50.44	52.34	54.26	104	4.225	4.492	4.773
-25	1543	1635	1732	40	48.23	50.07	51.93	105	4.091	4.351	4.625
-24	1447	1533	1623	41	46.13	47.91	49.71	106	3.961	4.215	4.481
-23	1358	1438	1521	42	44.13	45.85	47.60	107	3.837	4.084	4.343
-22	1275	1349	1426	43	42.23	43.89	45.58	108	3.717	3.958	4.210
-21	1197	1266	1337	44	40.42	42.03	43.67	109	3.601	3.836	4.082
-20	1125	1189	1255	45	38.69	40.25	41.84	110	3.490	3.718	3.958
-19	1057	1117	1178	46	37.05	38.56	40.10	111	3.382	3.604	3.838
-18	994.1	1049	1106	47	35.48	36.95	38.43	112	3.278	3.495	3.722
-17	935.1	986.4	1039	48	33.99	35.41	36.85	113	3.178	3.389	3.611
-16	880.0	927.6	977.0	49	32.57	33.94	35.34	114	3.081	3.287	3.503
-15	828.4	872.7	918.6	50	31.21	32.54	33.90	115	2.988	3.188	3.399
-14	780.1	821.4	864.0	51	29.92	31.21	32.52	116	2.897	3.093	3.298
-13	734.9	773.3	813.0	52	28.69	29.93	31.21	117	2.810	3.000	3.201
-12	692.6	728.4	765.3	53	27.51	28.72	29.95	118	2.726	2.912	3.107
-11	653.0	686.3	720.6	54	26.39	27.56	28.75	119	2.645	2.826	3.016
-10	615.9	646.9	678.9	55	25.32	26.45	27.61	120	2.566	2.742	2.928
-9	581.1	610.0	639.7	56	24.29	25.39	26.51	121	2.490	2.662	2.843
-8	548.4	575.3	603.1	57	23.32	24.38	25.47	122	2.417	2.584	2.761
-7	517.8	542.9	568.7	58	22.38	23.41	24.47	123	2.346	2.509	2.682
-6	489.0	512.4	536.5	59	21.49	22.49	23.51	124	2.278	2.437	2.605
-5	462.0	483.9	506.3	60	20.64	21.61	22.60	125	2.211	2.367	2.531
-4	436.6	457.0	478.0	61	19.83	20.76	21.73				
-3	412.8	431.8	451.4	62	19.05	19.96	20.89				
-2	390.4	408.2	426.4	63	18.31	19.19	20.09				
-1	369.3	385.9	402.9	64	17.60	18.45	19.33				
0	349.5	365.0	380.9	65	16.92	17.74	18.60				
1	330.9	345.4	360.2	66	16.27	17.07	17.90				
2	313.3	326.8	340.7	67	15.65	16.42	17.23				
3	296.8	309.4	322.3	68	15.05	15.81	16.58				
4	281.2	293.0	305.1	69	14.48	15.21	15.97				
5	266.5	277.6	288.8	70	13.94	14.65	15.38				
6	252.7	263.0	273.5	71	13.42	14.11	14.82				
7	239.6	249.3	259.1	72	12.92	13.59	14.28				
8	227.3	236.3	245.5	73	12.44	13.09	13.76				
9	215.7	224.1	232.7	74	11.98	12.61	13.26				
10	204.7	212.6	220.7	75	11.54	12.15	12.79				
11	194.4	201.8	209.3	76	11.12	11.72	12.33				
12	184.6	191.6	198.6	77	10.72	11.30	11.89				
13	175.4	181.9	188.5	78	10.33	10.89	11.47				
14	166.7	172.8	178.9	79	9.963	10.51	11.07				
15	158.4	164.1	169.9	80	9.607	10.13	10.68				
16	150.6	156.0	161.4	81	9.266	9.777	10.31				
17	143.3	148.3	153.4	82	8.938	9.434	9.950				
18	136.3	141.0	145.8	83	8.623	9.106	9.606				
19	129.7	134.1	138.6	84	8.321	8.790	9.276				
20	123.5	127.6	131.8	85	8.031	8.486	8.959				
21	117.6	121.5	125.4	86	7.753	8.195	8.655				
22	112.0	115.7	119.3	87	7.485	7.915	8.362				
23	106.7	110.2	113.6	88	7.228	7.646	8.080				
24	101.7	104.9	108.1	89	6.981	7.387	7.809				
25	97.00	100.0	103.0	90	6.743	7.138	7.549				