

ERTJ1VR682J R-T Characteristics

(for reference)

$$R_{25} = 6.8 \text{ kohm } \pm 5\%$$

$$B_{25/50} = 4250 \text{ K } \pm 2\%$$

Temp. Resistance (kohm)			Temp. Resistance (kohm)			Temp. Resistance (kohm)					
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	258.2	293.1	331.8	25	6.460	6.800	7.140	90	0.4581	0.5078	0.5616
-39	241.0	273.1	308.8	26	6.157	6.487	6.818	91	0.4424	0.4908	0.5432
-38	225.0	254.7	287.5	27	5.869	6.190	6.511	92	0.4273	0.4744	0.5254
-37	210.2	237.6	267.8	28	5.597	5.908	6.221	93	0.4128	0.4586	0.5083
-36	196.5	221.7	249.6	29	5.338	5.640	5.944	94	0.3989	0.4435	0.4918
-35	183.7	207.1	232.8	30	5.093	5.386	5.682	95	0.3855	0.4289	0.4759
-34	171.9	193.4	217.2	31	4.861	5.145	5.432	96	0.3727	0.4149	0.4607
-33	160.8	180.8	202.7	32	4.640	4.916	5.195	97	0.3603	0.4014	0.4460
-32	150.6	169.0	189.3	33	4.430	4.698	4.970	98	0.3485	0.3884	0.4319
-31	141.1	158.1	176.8	34	4.231	4.491	4.755	99	0.3371	0.3760	0.4183
-30	132.2	148.0	165.3	35	4.042	4.294	4.551	100	0.3261	0.3640	0.4052
-29	123.9	138.6	154.5	36	3.863	4.107	4.356	101	0.3156	0.3525	0.3927
-28	116.2	129.8	144.6	37	3.692	3.929	4.171	102	0.3055	0.3414	0.3806
-27	109.1	121.6	135.3	38	3.530	3.760	3.995	103	0.2958	0.3308	0.3690
-26	102.4	114.0	126.7	39	3.376	3.599	3.827	104	0.2864	0.3205	0.3578
-25	96.15	106.9	118.6	40	3.229	3.446	3.667	105	0.2775	0.3107	0.3470
-24	90.36	100.4	111.2	41	3.089	3.299	3.515	106	0.2688	0.3011	0.3365
-23	84.92	94.21	104.3	42	2.957	3.160	3.370	107	0.2605	0.2920	0.3265
-22	79.83	88.46	97.77	43	2.830	3.028	3.231	108	0.2524	0.2831	0.3168
-21	75.08	83.09	91.72	44	2.710	2.901	3.099	109	0.2447	0.2746	0.3075
-20	70.64	78.08	86.09	45	2.595	2.781	2.973	110	0.2372	0.2664	0.2985
-19	66.50	73.41	80.84	46	2.486	2.666	2.852	111	0.2300	0.2585	0.2898
-18	62.62	69.04	75.93	47	2.382	2.557	2.737	112	0.2231	0.2508	0.2813
-17	58.99	64.96	71.36	48	2.282	2.452	2.628	113	0.2164	0.2435	0.2732
-16	55.59	61.14	67.08	49	2.188	2.352	2.523	114	0.2099	0.2363	0.2654
-15	52.40	57.57	63.08	50	2.098	2.257	2.423	115	0.2037	0.2294	0.2578
-14	49.42	54.22	59.35	51	2.012	2.166	2.327	116	0.1976	0.2228	0.2505
-13	46.62	51.09	55.86	52	1.929	2.080	2.236	117	0.1918	0.2163	0.2434
-12	44.00	48.16	52.59	53	1.851	1.997	2.149	118	0.1862	0.2101	0.2365
-11	41.54	45.41	49.53	54	1.776	1.918	2.065	119	0.1808	0.2041	0.2299
-10	39.23	42.84	46.67	55	1.705	1.842	1.985	120	0.1755	0.1983	0.2234
-9	37.06	40.42	43.98	56	1.637	1.770	1.909	121	0.1704	0.1926	0.2172
-8	35.02	38.16	41.47	57	1.572	1.701	1.836	122	0.1655	0.1872	0.2112
-7	33.11	36.03	39.12	58	1.509	1.635	1.766	123	0.1607	0.1819	0.2053
-6	31.31	34.04	36.91	59	1.450	1.572	1.699	124	0.1561	0.1768	0.1997
-5	29.62	32.16	34.84	60	1.393	1.511	1.635	125	0.1517	0.1718	0.1942
-4	28.03	30.40	32.89	61	1.339	1.453	1.574				
-3	26.53	28.75	31.07	62	1.287	1.398	1.515				
-2	25.13	27.19	29.35	63	1.237	1.345	1.459				
-1	23.80	25.73	27.75	64	1.190	1.294	1.405				
0	22.55	24.35	26.23	65	1.144	1.246	1.353				
1	21.38	23.06	24.81	66	1.101	1.199	1.304				
2	20.27	21.84	23.47	67	1.059	1.155	1.256				
3	19.23	20.69	22.22	68	1.019	1.112	1.211				
4	18.24	19.61	21.03	69	0.9809	1.071	1.167				
5	17.31	18.59	19.92	70	0.9443	1.032	1.125				
6	16.43	17.63	18.87	71	0.9093	0.9947	1.085				
7	15.60	16.72	17.88	72	0.8758	0.9587	1.047				
8	14.82	15.87	16.94	73	0.8437	0.9242	1.010				
9	14.08	15.06	16.06	74	0.8129	0.8912	0.9746				
10	13.38	14.30	15.24	75	0.7834	0.8595	0.9405				
11	12.72	13.58	14.45	76	0.7551	0.8290	0.9079				
12	12.10	12.90	13.72	77	0.7280	0.7998	0.8765				
13	11.51	12.26	13.02	78	0.7019	0.7717	0.8463				
14	10.95	11.65	12.36	79	0.6769	0.7447	0.8173				
15	10.42	11.08	11.74	80	0.6529	0.7188	0.7895				
16	9.921	10.53	11.16	81	0.6298	0.6939	0.7626				
17	9.448	10.02	10.61	82	0.6076	0.6700	0.7368				
18	9.000	9.538	10.08	83	0.5863	0.6469	0.7120				
19	8.576	9.080	9.589	84	0.5658	0.6247	0.6880				
20	8.175	8.646	9.122	85	0.5461	0.6034	0.6650				
21	7.794	8.236	8.681	86	0.5271	0.5828	0.6428				
22	7.433	7.847	8.263	87	0.5089	0.5630	0.6214				
23	7.092	7.479	7.868	88	0.4913	0.5439	0.6007				
24	6.767	7.130	7.494	89	0.4743	0.5255	0.5808				
25	6.460	6.800	7.140	90	0.4581	0.5078	0.5616				