

ERTJ1VR682H R-T Characteristics

(for reference)

$$R_{25} = 6.8 \text{ kohm } \pm 3\%$$

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

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	263.7	293.1	325.5	25	6.596	6.800	7.004	90	0.4677	0.5078	0.5509
-39	246.1	273.1	302.9	26	6.286	6.487	6.688	91	0.4517	0.4908	0.5328
-38	229.8	254.7	282.0	27	5.993	6.190	6.387	92	0.4363	0.4744	0.5154
-37	214.6	237.6	262.7	28	5.714	5.908	6.102	93	0.4215	0.4586	0.4986
-36	200.6	221.7	244.9	29	5.451	5.640	5.831	94	0.4073	0.4435	0.4824
-35	187.6	207.1	228.3	30	5.200	5.386	5.574	95	0.3937	0.4289	0.4669
-34	175.5	193.4	213.0	31	4.963	5.145	5.329	96	0.3805	0.4149	0.4519
-33	164.2	180.8	198.8	32	4.738	4.916	5.096	97	0.3679	0.4014	0.4375
-32	153.8	169.0	185.7	33	4.524	4.698	4.875	98	0.3558	0.3884	0.4236
-31	144.0	158.1	173.5	34	4.320	4.491	4.664	99	0.3442	0.3760	0.4103
-30	135.0	148.0	162.1	35	4.128	4.294	4.464	100	0.3330	0.3640	0.3975
-29	126.5	138.6	151.6	36	3.944	4.107	4.273	101	0.3223	0.3525	0.3852
-28	118.7	129.8	141.8	37	3.770	3.929	4.092	102	0.3119	0.3414	0.3733
-27	111.4	121.6	132.7	38	3.604	3.760	3.919	103	0.3020	0.3308	0.3619
-26	104.5	114.0	124.3	39	3.447	3.599	3.754	104	0.2925	0.3205	0.3509
-25	98.17	106.9	116.4	40	3.297	3.446	3.597	105	0.2833	0.3107	0.3403
-24	92.26	100.4	109.1	41	3.154	3.299	3.448	106	0.2745	0.3011	0.3301
-23	86.70	94.21	102.3	42	3.019	3.160	3.305	107	0.2659	0.2920	0.3203
-22	81.51	88.46	95.91	43	2.890	3.028	3.169	108	0.2577	0.2831	0.3108
-21	76.66	83.09	89.98	44	2.767	2.901	3.040	109	0.2498	0.2746	0.3016
-20	72.13	78.08	84.45	45	2.650	2.781	2.916	110	0.2422	0.2664	0.2928
-19	67.90	73.41	79.30	46	2.538	2.666	2.798	111	0.2349	0.2585	0.2842
-18	63.94	69.04	74.49	47	2.432	2.557	2.685	112	0.2278	0.2508	0.2760
-17	60.23	64.96	70.00	48	2.330	2.452	2.578	113	0.2209	0.2435	0.2680
-16	56.76	61.14	65.80	49	2.234	2.352	2.475	114	0.2143	0.2363	0.2603
-15	53.51	57.57	61.88	50	2.142	2.257	2.377	115	0.2080	0.2294	0.2529
-14	50.46	54.22	58.22	51	2.054	2.166	2.283	116	0.2018	0.2228	0.2457
-13	47.60	51.09	54.79	52	1.970	2.080	2.193	117	0.1959	0.2163	0.2387
-12	44.92	48.16	51.59	53	1.890	1.997	2.108	118	0.1901	0.2101	0.2320
-11	42.41	45.41	48.59	54	1.814	1.918	2.026	119	0.1846	0.2041	0.2255
-10	40.05	42.84	45.78	55	1.741	1.842	1.948	120	0.1792	0.1983	0.2192
-9	37.84	40.42	43.15	56	1.671	1.770	1.873	121	0.1740	0.1926	0.2131
-8	35.76	38.16	40.68	57	1.605	1.701	1.801	122	0.1690	0.1872	0.2072
-7	33.80	36.03	38.37	58	1.541	1.635	1.732	123	0.1641	0.1819	0.2014
-6	31.97	34.04	36.20	59	1.480	1.572	1.667	124	0.1594	0.1768	0.1959
-5	30.24	32.16	34.17	60	1.422	1.511	1.604	125	0.1548	0.1718	0.1905
-4	28.62	30.40	32.27	61	1.367	1.453	1.544				
-3	27.09	28.75	30.48	62	1.314	1.398	1.486				
-2	25.66	27.19	28.80	63	1.263	1.345	1.431				
-1	24.30	25.73	27.22	64	1.215	1.294	1.378				
0	23.03	24.35	25.73	65	1.168	1.246	1.328				
1	21.83	23.06	24.34	66	1.124	1.199	1.279				
2	20.70	21.84	23.03	67	1.081	1.155	1.232				
3	19.63	20.69	21.79	68	1.041	1.112	1.188				
4	18.62	19.61	20.63	69	1.002	1.071	1.145				
5	17.67	18.59	19.54	70	0.9642	1.032	1.104				
6	16.78	17.63	18.51	71	0.9285	0.9947	1.065				
7	15.93	16.72	17.54	72	0.8942	0.9587	1.027				
8	15.13	15.87	16.62	73	0.8614	0.9242	0.9907				
9	14.38	15.06	15.76	74	0.8300	0.8912	0.9560				
10	13.66	14.30	14.95	75	0.7999	0.8595	0.9226				
11	12.99	13.58	14.18	76	0.7710	0.8290	0.8906				
12	12.35	12.90	13.46	77	0.7433	0.7998	0.8598				
13	11.75	12.26	12.77	78	0.7167	0.7717	0.8302				
14	11.18	11.65	12.13	79	0.6911	0.7447	0.8018				
15	10.64	11.08	11.52	80	0.6666	0.7188	0.7744				
16	10.13	10.53	10.95	81	0.6431	0.6939	0.7481				
17	9.647	10.02	10.40	82	0.6204	0.6700	0.7228				
18	9.190	9.538	9.891	83	0.5987	0.6469	0.6984				
19	8.757	9.080	9.407	84	0.5777	0.6247	0.6749				
20	8.347	8.646	8.949	85	0.5576	0.6034	0.6523				
21	7.958	8.236	8.515	86	0.5382	0.5828	0.6305				
22	7.590	7.847	8.106	87	0.5196	0.5630	0.6095				
23	7.241	7.479	7.718	88	0.5016	0.5439	0.5893				
24	6.910	7.130	7.351	89	0.4843	0.5255	0.5697				
25	6.596	6.800	7.004	90	0.4677	0.5078	0.5509				