

ERTJ1VR472J R-T Characteristics

(for reference)

$$R_{25} = 4.7 \text{ kohm } \pm 5\%$$

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

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	178.5	202.6	229.3	25	4.465	4.700	4.935	90	0.3166	0.3510	0.3882
-39	166.6	188.8	213.4	26	4.255	4.483	4.712	91	0.3058	0.3392	0.3754
-38	155.5	176.0	198.7	27	4.057	4.278	4.501	92	0.2954	0.3279	0.3631
-37	145.3	164.2	185.1	28	3.868	4.083	4.300	93	0.2853	0.3170	0.3513
-36	135.8	153.3	172.5	29	3.690	3.898	4.109	94	0.2757	0.3065	0.3399
-35	127.0	143.1	160.9	30	3.520	3.723	3.927	95	0.2665	0.2964	0.3289
-34	118.8	133.7	150.1	31	3.359	3.556	3.755	96	0.2576	0.2867	0.3184
-33	111.2	125.0	140.1	32	3.207	3.398	3.591	97	0.2490	0.2774	0.3083
-32	104.1	116.8	130.8	33	3.062	3.247	3.435	98	0.2408	0.2685	0.2985
-31	97.50	109.3	122.2	34	2.925	3.104	3.287	99	0.2330	0.2599	0.2891
-30	91.37	102.3	114.2	35	2.794	2.968	3.145	100	0.2254	0.2516	0.2801
-29	85.66	95.77	106.8	36	2.670	2.839	3.011	101	0.2181	0.2436	0.2714
-28	80.34	89.71	99.92	37	2.552	2.716	2.883	102	0.2112	0.2360	0.2631
-27	75.39	84.07	93.51	38	2.440	2.599	2.761	103	0.2044	0.2286	0.2550
-26	70.77	78.81	87.55	39	2.333	2.488	2.645	104	0.1980	0.2215	0.2473
-25	66.45	73.92	82.01	40	2.232	2.381	2.535	105	0.1918	0.2147	0.2398
-24	62.45	69.38	76.88	41	2.135	2.280	2.429	106	0.1858	0.2081	0.2326
-23	58.69	65.12	72.06	42	2.044	2.184	2.329	107	0.1800	0.2018	0.2257
-22	55.18	61.14	67.58	43	1.956	2.093	2.233	108	0.1745	0.1957	0.2190
-21	51.90	57.43	63.40	44	1.873	2.005	2.142	109	0.1691	0.1898	0.2125
-20	48.83	53.97	59.50	45	1.794	1.922	2.055	110	0.1640	0.1841	0.2063
-19	45.96	50.74	55.87	46	1.718	1.843	1.971	111	0.1590	0.1787	0.2003
-18	43.28	47.72	52.48	47	1.646	1.767	1.892	112	0.1542	0.1734	0.1945
-17	40.77	44.90	49.32	48	1.578	1.695	1.816	113	0.1496	0.1683	0.1888
-16	38.42	42.26	46.36	49	1.512	1.626	1.744	114	0.1451	0.1633	0.1834
-15	36.22	39.79	43.60	50	1.450	1.560	1.675	115	0.1408	0.1586	0.1782
-14	34.16	37.48	41.02	51	1.390	1.497	1.609	116	0.1366	0.1540	0.1731
-13	32.22	35.31	38.61	52	1.334	1.437	1.545	117	0.1326	0.1495	0.1682
-12	30.41	33.29	36.35	53	1.279	1.380	1.485	118	0.1287	0.1452	0.1635
-11	28.71	31.39	34.23	54	1.228	1.325	1.427	119	0.1249	0.1411	0.1589
-10	27.11	29.61	32.25	55	1.178	1.273	1.372	120	0.1213	0.1370	0.1544
-9	25.61	27.94	30.40	56	1.131	1.223	1.319	121	0.1178	0.1331	0.1501
-8	24.21	26.37	28.66	57	1.086	1.176	1.269	122	0.1144	0.1294	0.1460
-7	22.88	24.90	27.04	58	1.043	1.130	1.221	123	0.1111	0.1257	0.1419
-6	21.64	23.52	25.51	59	1.002	1.086	1.174	124	0.1079	0.1222	0.1380
-5	20.47	22.23	24.08	60	0.9628	1.044	1.130	125	0.1048	0.1188	0.1342
-4	19.37	21.01	22.73	61	0.9253	1.004	1.088				
-3	18.34	19.87	21.47	62	0.8894	0.9663	1.047				
-2	17.37	18.79	20.29	63	0.8550	0.9297	1.008				
-1	16.45	17.78	19.18	64	0.8222	0.8946	0.9711				
0	15.59	16.83	18.13	65	0.7908	0.8611	0.9354				
1	14.78	15.94	17.15	66	0.7607	0.8290	0.9012				
2	14.01	15.10	16.23	67	0.7319	0.7982	0.8684				
3	13.29	14.30	15.36	68	0.7043	0.7688	0.8370				
4	12.61	13.55	14.54	69	0.6780	0.7405	0.8068				
5	11.96	12.85	13.77	70	0.6527	0.7134	0.7779				
6	11.36	12.18	13.04	71	0.6285	0.6875	0.7502				
7	10.78	11.56	12.36	72	0.6053	0.6626	0.7236				
8	10.24	10.97	11.71	73	0.5831	0.6388	0.6981				
9	9.731	10.41	11.10	74	0.5619	0.6160	0.6736				
10	9.248	9.881	10.53	75	0.5415	0.5940	0.6501				
11	8.792	9.384	9.990	76	0.5219	0.5730	0.6275				
12	8.361	8.914	9.480	77	0.5031	0.5528	0.6058				
13	7.953	8.471	9.000	78	0.4851	0.5334	0.5850				
14	7.567	8.052	8.546	79	0.4679	0.5147	0.5649				
15	7.202	7.656	8.117	80	0.4513	0.4968	0.5457				
16	6.857	7.281	7.713	81	0.4353	0.4796	0.5271				
17	6.530	6.927	7.330	82	0.4200	0.4631	0.5093				
18	6.221	6.593	6.969	83	0.4052	0.4471	0.4921				
19	5.928	6.276	6.628	84	0.3911	0.4318	0.4756				
20	5.650	5.976	6.305	85	0.3775	0.4170	0.4596				
21	5.387	5.692	6.000	86	0.3643	0.4028	0.4443				
22	5.138	5.424	5.711	87	0.3517	0.3891	0.4295				
23	4.902	5.169	5.438	88	0.3396	0.3759	0.4152				
24	4.678	4.928	5.180	89	0.3279	0.3632	0.4014				
25	4.465	4.700	4.935	90	0.3166	0.3510	0.3882				