

ERTJ1VV154J R-T Characteristics

(for reference)

$$R_{25} = 150 \text{ kohm } \pm 5\%$$

$$B_{25/50} = 4700 \text{ K } \pm 2\%$$

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	7847	8964	10215	25	142.5	150.0	157.5	90	7.618	8.493	9.444
-39	7285	8310	9454	26	135.1	142.4	149.7	91	7.335	8.183	9.107
-38	6766	7706	8755	27	128.2	135.2	142.3	92	7.064	7.887	8.784
-37	6288	7151	8111	28	121.7	128.5	135.3	93	6.804	7.602	8.473
-36	5846	6638	7519	29	115.5	122.1	128.7	94	6.555	7.329	8.175
-35	5438	6166	6973	30	109.6	116.0	122.4	95	6.316	7.068	7.888
-34	5060	5729	6470	31	104.1	110.3	116.5	96	6.087	6.816	7.614
-33	4711	5326	6007	32	98.93	104.9	110.9	97	5.868	6.575	7.350
-32	4388	4954	5579	33	94.01	99.77	105.6	98	5.657	6.344	7.096
-31	4090	4610	5184	34	89.36	94.93	100.6	99	5.455	6.122	6.852
-30	3813	4292	4819	35	84.96	90.34	95.83	100	5.261	5.908	6.618
-29	3556	3997	4482	36	80.80	86.00	91.31	101	5.075	5.704	6.393
-28	3318	3725	4170	37	76.86	81.89	87.03	102	4.897	5.507	6.177
-27	3098	3472	3882	38	73.13	78.00	82.97	103	4.726	5.318	5.970
-26	2893	3238	3616	39	69.61	74.31	79.13	104	4.562	5.137	5.770
-25	2703	3022	3369	40	66.27	70.81	75.47	105	4.404	4.962	5.578
-24	2526	2820	3139	41	63.10	67.49	72.01	106	4.252	4.795	5.394
-23	2362	2633	2928	42	60.10	64.35	68.72	107	4.106	4.634	5.216
-22	2210	2460	2732	43	57.26	61.36	65.59	108	3.966	4.479	5.045
-21	2068	2300	2550	44	54.57	58.53	62.63	109	3.832	4.330	4.880
-20	1937	2150	2381	45	52.01	55.84	59.81	110	3.702	4.186	4.722
-19	1814	2011	2224	46	49.59	53.29	57.13	111	3.578	4.048	4.569
-18	1700	1882	2079	47	47.29	50.87	54.58	112	3.458	3.915	4.422
-17	1593	1762	1943	48	45.11	48.57	52.16	113	3.343	3.788	4.281
-16	1494	1650	1818	49	43.04	46.38	49.86	114	3.232	3.664	4.144
-15	1402	1546	1701	50	41.08	44.30	47.67	115	3.125	3.546	4.012
-14	1315	1449	1592	51	39.21	42.33	45.58	116	3.022	3.431	3.885
-13	1235	1358	1491	52	37.43	40.45	43.60	117	2.923	3.321	3.763
-12	1160	1274	1396	53	35.74	38.66	41.71	118	2.828	3.215	3.645
-11	1090	1196	1309	54	34.14	36.96	39.91	119	2.736	3.112	3.531
-10	1024	1122	1227	55	32.61	35.34	38.19	120	2.647	3.013	3.421
-9	962.8	1054	1150	56	31.16	33.79	36.56	121	2.562	2.918	3.315
-8	905.5	989.9	1079	57	29.78	32.33	35.00	122	2.480	2.826	3.213
-7	852.0	930.1	1013	58	28.47	30.93	33.52	123	2.400	2.737	3.114
-6	801.8	874.3	951.0	59	27.22	29.60	32.10	124	2.324	2.651	3.018
-5	754.9	822.1	893.1	60	26.03	28.33	30.76	125	2.250	2.569	2.926
-4	711.0	773.3	839.1	61	24.90	27.13	29.47				
-3	669.8	727.7	788.6	62	23.83	25.98	28.25				
-2	631.2	684.9	741.4	63	22.80	24.88	27.08				
-1	595.1	644.9	697.2	64	21.83	23.84	25.97				
0	561.1	607.4	655.9	65	20.90	22.85	24.91				
1	529.3	572.3	617.2	66	20.02	21.90	23.90				
2	499.4	539.4	581.0	67	19.18	21.00	22.93				
3	471.4	508.5	547.1	68	18.38	20.14	22.01				
4	445.1	479.5	515.3	69	17.62	19.32	21.13				
5	420.3	452.3	485.5	70	16.89	18.54	20.30				
6	397.0	426.8	457.6	71	16.20	17.79	19.50				
7	375.2	402.8	431.4	72	15.54	17.08	18.73				
8	354.6	380.3	406.8	73	14.91	16.40	18.00				
9	335.3	359.2	383.8	74	14.31	15.76	17.31				
10	317.1	339.3	362.1	75	13.73	15.14	16.64				
11	300.0	320.7	341.8	76	13.19	14.54	16.00				
12	283.9	303.1	322.8	77	12.66	13.98	15.39				
13	268.8	286.6	304.9	78	12.16	13.44	14.81				
14	254.5	271.1	288.0	79	11.69	12.92	14.25				
15	241.1	256.5	272.2	80	11.23	12.43	13.71				
16	228.4	242.8	257.4	81	10.79	11.95	13.20				
17	216.5	229.8	243.4	82	10.38	11.50	12.71				
18	205.2	217.7	230.2	83	9.978	11.06	12.24				
19	194.6	206.2	217.9	84	9.595	10.65	11.79				
20	184.6	195.4	206.2	85	9.229	10.25	11.36				
21	175.2	185.2	195.3	86	8.878	9.868	10.94				
22	166.3	175.6	185.0	87	8.543	9.502	10.54				
23	157.9	166.6	175.3	88	8.221	9.151	10.16				
24	150.0	158.0	166.1	89	7.913	8.815	9.796				
25	142.5	150.0	157.5	90	7.618	8.493	9.444				