

ERTJ1VG103GA R-T Characteristics (for reference)

$R_{25} = 10 \text{ kohm} \pm 2\%$

$B_{25/85} = 3435 \text{ K} \pm 1\%$

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.	T(deg.C)	R min.	R cen.	R max.		
-40	195.1	205.2	215.7	25	9.800	10.00	10.20	90	1.210	1.261	1.313						
-39	184.4	193.8	203.6	26	9.436	9.632	9.828	91	1.176	1.226	1.277						
-38	174.3	183.1	192.3	27	9.087	9.279	9.472	92	1.144	1.192	1.242						
-37	164.8	173.1	181.6	28	8.753	8.942	9.131	93	1.112	1.159	1.208						
-36	155.9	163.6	171.6	29	8.434	8.619	8.804	94	1.081	1.127	1.175						
-35	147.6	154.8	162.3	30	8.127	8.309	8.491	95	1.051	1.097	1.144						
-34	139.7	146.5	153.5	31	7.834	8.012	8.190	96	1.022	1.067	1.113						
-33	132.4	138.7	145.2	32	7.553	7.727	7.902	97	0.9943	1.038	1.083						
-32	125.4	131.3	137.4	33	7.284	7.454	7.626	98	0.9672	1.010	1.054						
-31	118.9	124.4	130.1	34	7.025	7.192	7.360	99	0.9409	0.9826	1.026						
-30	112.7	117.9	123.3	35	6.777	6.941	7.106	100	0.9154	0.9563	0.9986						
-29	107.0	111.8	116.8	36	6.540	6.700	6.861	101	0.8907	0.9307	0.9721						
-28	101.5	106.0	110.8	37	6.311	6.468	6.627	102	0.8667	0.9059	0.9465						
-27	96.36	100.6	105.0	38	6.092	6.246	6.401	103	0.8434	0.8818	0.9215						
-26	91.51	95.51	99.65	39	5.882	6.033	6.185	104	0.8208	0.8584	0.8973						
-25	86.94	90.69	94.57	40	5.680	5.828	5.976	105	0.7989	0.8357	0.8738						
-24	82.63	86.15	89.79	41	5.486	5.631	5.776	106	0.7776	0.8136	0.8510						
-23	78.55	81.86	85.27	42	5.300	5.441	5.584	107	0.7570	0.7922	0.8288						
-22	74.70	77.81	81.01	43	5.121	5.259	5.399	108	0.7369	0.7715	0.8073						
-21	71.07	73.99	76.99	44	4.949	5.084	5.221	109	0.7174	0.7513	0.7864						
-20	67.63	70.37	73.20	45	4.783	4.916	5.050	110	0.6986	0.7317	0.7661						
-19	64.39	66.96	69.61	46	4.624	4.754	4.885	111	0.6802	0.7127	0.7464						
-18	61.32	63.74	66.23	47	4.471	4.598	4.727	112	0.6625	0.6943	0.7273						
-17	58.41	60.69	63.03	48	4.324	4.448	4.574	113	0.6452	0.6764	0.7087						
-16	55.66	57.80	60.00	49	4.182	4.304	4.427	114	0.6285	0.6590	0.6907						
-15	53.06	55.07	57.14	50	4.046	4.165	4.285	115	0.6122	0.6421	0.6732						
-14	50.59	52.49	54.43	51	3.914	4.031	4.149	116	0.5965	0.6258	0.6562						
-13	48.25	50.04	51.87	52	3.788	3.902	4.018	117	0.5812	0.6099	0.6397						
-12	46.04	47.72	49.44	53	3.666	3.778	3.891	118	0.5664	0.5945	0.6237						
-11	43.94	45.52	47.14	54	3.549	3.658	3.769	119	0.5520	0.5795	0.6082						
-10	41.95	43.44	44.96	55	3.436	3.543	3.652	120	0.5380	0.5650	0.5931						
-9	40.06	41.46	42.90	56	3.328	3.432	3.538	121	0.5245	0.5509	0.5785						
-8	38.27	39.59	40.94	57	3.223	3.325	3.429	122	0.5113	0.5372	0.5643						
-7	36.57	37.81	39.09	58	3.122	3.222	3.324	123	0.4986	0.5240	0.5505						
-6	34.95	36.13	37.33	59	3.025	3.123	3.222	124	0.4862	0.5111	0.5371						
-5	33.42	34.53	35.66	60	2.931	3.027	3.124	125	0.4742	0.4986	0.5241						
-4	31.96	33.00	34.07	61	2.840	2.934	3.030										
-3	30.57	31.56	32.56	62	2.753	2.845	2.939										
-2	29.26	30.19	31.13	63	2.669	2.759	2.850										
-1	28.00	28.88	29.77	64	2.588	2.676	2.765										
0	26.81	27.64	28.48	65	2.509	2.595	2.683										
1	25.68	26.46	27.25	66	2.434	2.518	2.604										
2	24.60	25.33	26.08	67	2.361	2.443	2.527										
3	23.57	24.26	24.97	68	2.290	2.371	2.453										
4	22.59	23.24	23.91	69	2.222	2.301	2.382										
5	21.65	22.27	22.90	70	2.156	2.233	2.312										
6	20.76	21.35	21.94	71	2.093	2.168	2.246										
7	19.92	20.47	21.03	72	2.031	2.105	2.181										
8	19.11	19.63	20.16	73	1.972	2.045	2.119										
9	18.34	18.83	19.33	74	1.915	1.986	2.059										
10	17.60	18.06	18.54	75	1.860	1.929	2.001										
11	16.90	17.34	17.78	76	1.806	1.874	1.944										
12	16.23	16.64	17.06	77	1.755	1.821	1.890										
13	15.59	15.98	16.38	78	1.705	1.770	1.837										
14	14.98	15.35	15.72	79	1.656	1.720	1.786										
15	14.39	14.74	15.10	80	1.610	1.672	1.736										
16	13.83	14.17	14.50	81	1.564	1.625	1.688										
17	13.30	13.62	13.93	82	1.520	1.580	1.641										
18	12.79	13.09	13.39	83	1.477	1.536	1.596										
19	12.31	12.59	12.87	84	1.436	1.493	1.552										
20	11.84	12.11	12.37	85	1.395	1.451	1.509										
21	11.40	11.65	11.90	86	1.356	1.411	1.468										
22	10.97	11.21	11.44	87	1.318	1.372	1.427										
23	10.56	10.79	11.01	88	1.281	1.334	1.388										
24	10.17	10.38	10.60	89	1.245	1.297	1.350										
25	9.800	10.00	10.20	90	1.210	1.261	1.313										