

ERTJ1VG103FA R-T Characteristics (for reference)

$R_{25} = 10 \text{ kohm} \pm 1\%$

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

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	197.1	205.2	213.6	25	9.90	10.00	10.10	90	1.222	1.261	1.300						
-39	186.3	193.8	201.6	26	9.532	9.632	9.732	91	1.188	1.226	1.264						
-38	176.1	183.1	190.4	27	9.180	9.279	9.379	92	1.155	1.192	1.230						
-37	166.5	173.1	179.8	28	8.843	8.942	9.041	93	1.123	1.159	1.196						
-36	157.5	163.6	170.0	29	8.520	8.619	8.718	94	1.092	1.127	1.164						
-35	149.1	154.8	160.7	30	8.210	8.309	8.407	95	1.062	1.097	1.132						
-34	141.2	146.5	152.0	31	7.914	8.012	8.110	96	1.033	1.067	1.102						
-33	133.7	138.7	143.8	32	7.630	7.727	7.825	97	1.004	1.038	1.072						
-32	126.7	131.3	136.1	33	7.358	7.454	7.551	98	0.9770	1.010	1.044						
-31	120.1	124.4	128.9	34	7.097	7.192	7.288	99	0.9505	0.9826	1.016						
-30	113.9	117.9	122.1	35	6.847	6.941	7.036	100	0.9247	0.9563	0.9888						
-29	108.0	111.8	115.7	36	6.606	6.700	6.794	101	0.8998	0.9307	0.9626						
-28	102.5	106.0	109.7	37	6.376	6.468	6.562	102	0.8756	0.9059	0.9372						
-27	97.34	100.6	104.0	38	6.155	6.246	6.338	103	0.8520	0.8818	0.9125						
-26	92.45	95.51	98.67	39	5.942	6.033	6.124	104	0.8292	0.8584	0.8885						
-25	87.83	90.69	93.64	40	5.738	5.828	5.918	105	0.8071	0.8357	0.8653						
-24	83.47	86.15	88.91	41	5.542	5.631	5.720	106	0.7856	0.8136	0.8427						
-23	79.35	81.86	84.43	42	5.354	5.441	5.529	107	0.7647	0.7922	0.8207						
-22	75.47	77.81	80.22	43	5.173	5.259	5.346	108	0.7444	0.7715	0.7994						
-21	71.79	73.99	76.24	44	4.999	5.084	5.170	109	0.7248	0.7513	0.7787						
-20	68.32	70.37	72.48	45	4.832	4.916	5.000	110	0.7057	0.7317	0.7586						
-19	65.04	66.96	68.93	46	4.671	4.754	4.837	111	0.6872	0.7127	0.7391						
-18	61.94	63.74	65.58	47	4.517	4.598	4.680	112	0.6692	0.6943	0.7202						
-17	59.01	60.69	62.41	48	4.368	4.448	4.529	113	0.6518	0.6764	0.7018						
-16	56.23	57.80	59.41	49	4.225	4.304	4.383	114	0.6349	0.6590	0.6839						
-15	53.60	55.07	56.58	50	4.087	4.165	4.243	115	0.6185	0.6421	0.6666						
-14	51.11	52.49	53.90	51	3.954	4.031	4.108	116	0.6026	0.6258	0.6498						
-13	48.75	50.04	51.36	52	3.827	3.902	3.978	117	0.5871	0.6099	0.6334						
-12	46.51	47.72	48.96	53	3.704	3.778	3.853	118	0.5721	0.5945	0.6176						
-11	44.39	45.52	46.68	54	3.585	3.658	3.732	119	0.5576	0.5795	0.6022						
-10	42.38	43.44	44.52	55	3.471	3.543	3.616	120	0.5435	0.5650	0.5873						
-9	40.47	41.46	42.48	56	3.362	3.432	3.504	121	0.5298	0.5509	0.5728						
-8	38.66	39.59	40.54	57	3.256	3.325	3.396	122	0.5165	0.5372	0.5587						
-7	36.94	37.81	38.70	58	3.154	3.222	3.291	123	0.5037	0.5240	0.5451						
-6	35.31	36.13	36.96	59	3.056	3.123	3.191	124	0.4912	0.5111	0.5318						
-5	33.76	34.53	35.31	60	2.961	3.027	3.094	125	0.4791	0.4986	0.5189						
-4	32.29	33.00	33.73	61	2.869	2.934	3.000										
-3	30.89	31.56	32.24	62	2.781	2.845	2.910										
-2	29.56	30.19	30.83	63	2.696	2.759	2.823										
-1	28.29	28.88	29.48	64	2.614	2.676	2.738										
0	27.09	27.64	28.20	65	2.535	2.595	2.657										
1	25.94	26.46	26.98	66	2.459	2.518	2.578										
2	24.85	25.33	25.83	67	2.385	2.443	2.503										
3	23.81	24.26	24.72	68	2.313	2.371	2.429										
4	22.82	23.24	23.68	69	2.245	2.301	2.358										
5	21.88	22.27	22.68	70	2.178	2.233	2.290										
6	20.98	21.35	21.73	71	2.114	2.168	2.224										
7	20.12	20.47	20.82	72	2.052	2.105	2.160										
8	19.30	19.63	19.96	73	1.992	2.045	2.098										
9	18.52	18.83	19.14	74	1.935	1.986	2.039										
10	17.78	18.06	18.35	75	1.879	1.929	1.981										
11	17.07	17.34	17.61	76	1.825	1.874	1.925										
12	16.39	16.64	16.89	77	1.773	1.821	1.871										
13	15.75	15.98	16.22	78	1.722	1.770	1.819										
14	15.13	15.35	15.57	79	1.673	1.720	1.768										
15	14.54	14.74	14.95	80	1.626	1.672	1.719										
16	13.98	14.17	14.36	81	1.580	1.625	1.672										
17	13.44	13.62	13.79	82	1.535	1.580	1.625										
18	12.92	13.09	13.26	83	1.492	1.536	1.580										
19	12.43	12.59	12.74	84	1.450	1.493	1.537										
20	11.96	12.11	12.25	85	1.409	1.451	1.494										
21	11.51	11.65	11.78	86	1.370	1.411	1.453										
22	11.08	11.21	11.33	87	1.331	1.372	1.413										
23	10.67	10.79	10.90	88	1.294	1.334	1.374										
24	10.28	10.38	10.49	89	1.258	1.297	1.337										
25	9.90	10.00	10.10	90	1.222	1.261	1.300										