

ERTJ0EG103FA R-T Characteristics (for reference)

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

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

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	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				